

ISSN 2226-0773

2014

МЕЖДУНАРОДНЫЙ АЛЬМАНАХ
INTERNATIONAL ALMANAC

ГУМАНИТАРНОЕ ПРОСТРАНСТВО
HUMANITY SPACE

Том 3, No 2 Volume 3, No 2

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MOSCOW-YAVNE

МОСКВА-ЯВНЕ
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**Том 3, No 2
Volume 3, No 2**

ЭНТОМОЛОГИЯ / ENTOMOLOGY

**МОСКВА-ЯВНЕ
MOSCOW-YAVNE**

2014

Гуманитарное пространство
Международный альманах ТОМ 3, No 2, 2014

Humanity space
International almanac VOLUME 3, No 2, 2014

Главный редактор / Chief Editor: **М.А. Лазарев / M.A. Lazarev**
E-mail: **cerambycidae@fromru.com**

Дизайн обложки / Cover Design: **М.А. Лазарев / M.A. Lazarev**
Научный редактор / Scientific Editor:

В.П. Подвойский / V.P. Podvoysky
E-mail: **9036167488@mail.ru**

Литературный редактор / Literary Editor:

О.В. Стукалова / O.V. Stukalova
E-mail: **chif599@gmail.com**

Веб-сайт / Website: **<http://www.humanityspace.com>**
<http://www.humanityspace.net>
<http://www.humanityspace.ru>

Издательство / Publishers:

Высшая Школа Консалтинга / Higher School Consulting
Tovarishchensky side street, 19, office 19, Moscow, Russia

Официальный представитель / Official representative:

Музыкальный обозреватель, бул. Дуани, 35-11, Явне, Израиль, 81 551
Musical reviewer, sd. Duani, 35-11, Yavne, Israel, 81 551

Напечатано / Printed by: **AEG Group Design & Printing**

Gruzinsky Val, 11, Moscow, 123056 Russia

Дата выпуска / Date of issue: **02.06.2014**

Реестр / Register: **ISSN 2226-0773**

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Humanity space. International almanac
составление, редактирование
compiling, editing

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member of the International Academy of Science Teacher Education

**Contribution to the knowledge of longhorn beetles from Cyprus
(Coleoptera: Cerambycidae)**

R. Ambrus¹, W. Grosser² & J. Hrbek³

¹ Trnkovo nám. 1112/1, CZ-152 00 Praha 5, Czech Republic

e-mail: ambrus@centrum.cz

² U Střelnice 17, CZ-746 01 Opava, Czech Republic; e-mail: walterg@atlas.cz

³ Nádražní 28, CZ-664 47 Střelice, Czech Republic; e-mail: hrbek.jan@centrum.cz

Key words: Coleoptera, Cerambycidae, faunistics, biology, host plants, Cyprus, Palaearctic region.

Abstract: A survey of the Cerambycidae of Cyprus was conducted out during years 1996–2013. A total of 43 species representing 29 genera and 4 subfamilies were recorded during the study. The authors give new faunistic and some biological data for each species, established on the basis of their observations and other entomologists. Two species are recorded for the first time from Cyprus: *Calchaenesthes primis* Özdikmen, 2013 and *Exocentrus adspersus* Mulsant, 1846. The first records of host plants are given for *Trichoferus georgioui* Sama & Makris, 2001 and *Deroptia genei ssp. konvickai* Rapuzzi & Sama, 2012.

INTRODUCTION

The island of Cyprus is situated in the Eastern Basin of the Mediterranean Sea. It is the third largest island in the Mediterranean after the Italian islands of Sicily and Sardinia.

Cyprus is an island of oceanic origin that has been isolated from the nearby mainland for the last 5 million years (Hadjisterkotis et al., 2000). Geographic isolation has led to the evolution of a large number of endemic species of plants and animals (Hadjisterkotis & Masala, 1995; Hadjisterkotis et al., 2000).

The island has a great variety of habitats and natural vegetation. The forests occupy 1,591.13 sq. km and represent 17.2% of the total area of the island. The mountain zone includes the middle and higher elevations and accommodates the forests of *Pinus brutia*, *Pinus nigra* and *Cedrus brevifolia* with *Quercus alnifolia* forming the main species of the understory of these forests. Where the forest has been destroyed, maquis (14% of the island) of *Arbutus andrachne*, *Pistacia lentiscus*, *Pistacia terebinthus*, *Styrax officinalis*, *Quercus coccifera*, *Genista fasselata*, *Calycotome villosa*

and *Ceratonia siliqua* is associated with a wide but sparse variety of annual and perennial herbs. The garigue formations (10% of the island) are composed mainly of species of *Cistus spp.*, *Thymus capitatus*, *Sarcopoterium spinosum*, *Lavandula stoechas*, *Fumana spp.*, *Helianthus spp.* and *Teucrium spp.* (Kyriacou, 2005).

The longhorn beetle fauna of Cyprus has been studied intensively over the past several decades, but is still poorly known. Among the most important works we can include Schaufuss (1871), Pic (1927), Georghiou (1977), Sama (1985), Berger (1988), Sama (1992, 1994b, 1995b), Sama & Makris (2001) and Rapuzzi & Sama (2012).

A great variety of habitats and natural vegetation is reflected in a great number of associated insect, many of them endemic to the island. A total of approximately 68 Cerambycidae species and subspecies are now known from Cyprus out of which 14 are endemic: *Grammoptera* (*Grammoptera*) *baudii ssp. baudii* Sama, 1985; *Pedostrangalia* (*Neosphenalia*) *raggii* Sama, 1992; *Trichoferus antonioui* Sama, 1994; *Trichoferus georgioui* Sama & Makris, 2001; *Axinopalpis barbarae ssp. barbarae* Sama, 1992; *Axinopalpis barbarae ssp. consobrinus* Sama, 1992; *Deilus rugosicollis ssp. kadleci* Sama et Rapuzzi 2012; *Stenopterus similatus ssp. mehli* Sama, 1995; *Molorchus* (*Molorchus*) *bassettii* (Sama, 1992); *Purpuricenens nicocles* Schaufuss, 1871; *Deroplia genei ssp. konvickai* Rapuzzi & Sama, 2012; *Leiopus* (*Leiopus*) *andreae* Sama, 1994; *Agapanthia* (*Smaragdula*) *gemella* Holzschuh, 1989 and *Agapanthia* (*Epopetes*) *nicosiensis* Pic, 1927. These numbers document clearly the high species diversity of Cyprus.

MATERIAL AND METHODS

A survey of the Cerambycidae of Cyprus was conducted out during years 1996–2013. The material for this study was collected by the authors and by various collectors from different localities in Cyprus and is deposited in the personal collections.

The beetles were collected individually, using generally known methods such as beating, sweeping, individual collecting on wood, flower and leaves and used vine traps. Much attention has been paid to larvae collecting. Usually, the larvae were allowed to

develop in the original substrate. The adults were determined by the authors.

The following abbreviations of collectors are used in the text:

CM – Christodoulos Makris, Lemesos, Cyprus

DD – Diethard Dauber, Linz, Austria

JH – Jan Hrbek, Střelice, Czech Republic

PJ – Pavel Jelínek, Brno, Czech Republic

PZ – Petr Zlámal, Praha, Czech Republic

RA – Richard Ambrus, Praha, Czech Republic

RD – Roman Dudl, Planá nad Lužnicí, Czech Republic

TT – Tomáš Tichý, Opava, Czech Republic

WG – Walter Grosser, Opava, Czech Republic

ZL – Zdeno Lucbauer, Kettering, United Kingdom

If not stated otherwise, specimens collected by these collectors are preserved in their private collections.

RESULTS

Family CERAMBYCIDAE

Subfamily Prioninae

Tribe Macrotomini

1) *Prinobius myardi* ssp. *atropos* Chevrolat, 1854

Material: Cyprus, 10 km NE Limassol, Armenochori env., 20.5.2008, remains of dead adult in a hollow of *Ceratonia siliqua* (PZ).

Tribe Remphanini

2) *Rhaesus serricollis* (Motschulsky, 1838)

Material: Cyprus, Limassol env., 2012, remains of dead adult in a hollow of *Platanus* sp. (CM, in coll. JH).

Subfamily Lepturinae

Tribe Lepturini

3) *Grammoptera (Grammoptera) baudii ssp. baudii* Sama, 1985

Material: Cyprus, 28 km N Pafos, 7 km W Polis, Neo Chorio env., 29.3.-5.4.2006, 34 adults beaten from blossoming shrubs (*Pistacia terebinthus*) (JH, PJ, RA, WG); Cyprus, 8 km NE Lemesos, Akrounta env., 2.4.2006, 14 adults beaten from blossoming shrubs (*Pistacia terebinthus*) (JH, PJ, RA, WG); Cyprus, Lemesos distr., Armenochori env., 34°44'33.74"N 33°7'22.18"E, 11.4.2006, 3 adults beaten from blossoming shrubs (*Pistacia terebinthus*) (RD).

4) *Stictoleptura (Stictoleptura) cordigera ssp. cordigera* (Fuesslin, 1775)

Material: Cyprus, Nicosia distr., Polystipos env., 34°56'12.84"N 33°1'34.68"E, 23.6.2007, 3 adults on flowers of *Apiaceae* (RD).

5) *Anastrangalia montana ssp. montana* (Mulsant & Rey, 1863)

Material: Cyprus, Lemesos, Trooditissa, 18.6.2000, 1 adult on a flower of *Cistus sp.* (CM, in coll. JH); Cyprus, Lemesos, Pera Pedi, 23.5.2001, 1 adult on a flower of *Cistus sp.* (CM, in coll. JH); Cyprus, Nicosia, Troodos Mts., Alona env., 22.5.2008, 3 adults on flowers of *Cistus sp.* (PZ); Cyprus, Lefkosia, Cedar Valley, 18.6.2009, 1 adult on a flower of *Cistus sp.* (CM, in coll. JH); Cyprus, Nicosia distr., 4 km NE of Kampos vill., 35°4'21.36"N 32°44'48.48"E, 7.5.2013, 15 adults on flowers of *Cistus creticus* (RD); Cyprus, Nicosia distr., Cedar Valley (outside the Nature Reserve), 8.5.2013, 2 adults on flowers of *Cistus creticus* (RD).

6) *Pedostrangalia (Neosphenalia) raggii* Sama, 1992

Material: Cyprus, 28km N Pafos, 25km E Polis, Cedar Valley (outside the Nature Reserve), 30.3.-31.3.2006, larvae, praepupae and pupae in living branches of *Quercus alnifolia* (JH, PJ, RA, WG), 2 adults emerged from 1.5. to 4.5.2006 (PJ, RA) and 2 adults reared in 2007 (JH); Cyprus, Pafos, Eledio, 4.5.2007, adults on *Quercus sp.*

R. Ambrus, W. Grosser & J. Hrbek

(CM, in coll. JH); Cyprus, Lefkosia, Cedar Valley, 18.6.2009, adults on flowers of *Cistus sp.* (CM, in coll. JH).

Subfamily Cerambycinae

Tribe Achrysonini

7) *Icosium tomentosum ssp. atticum* Ganglbauer, 1882

Material: Cyprus, 10 km SW Lemesos, Akrotiri env., 27.3.-6.4.2006, larvae, praepupae, pupae and 1 immature adult in pupal cells in branches of *Cupressus sempervirens* (JH, PJ, RA, WG), 7 adults emerged from 22.5. to 26.5.2006 (JH), 19 adults emerged from 24.6. to 9.8.2006 (RA, WG), 1 adult emerged 30.8.2007 (WG) and 15 adults emerged from 25.6. to 30.6.2008 (WG).

Tribe Hesperophanini

8) *Trichoferus antonioui* Sama, 1994

Material: Cyprus, 5 km NE Lemesos, Germasogeia Dam env., 26.3.-6.4.2006, larvae in living shrubs of *Cistus creticus* (JH, PJ, RA), 3 adults reared in 2007 (JH); Cyprus, 28km N Pafos, 18 km E Polis, Stavros tis Psokas, 30.3.2006, larvae in living shrubs of *Cistus creticus* (JH, PJ), 2 adults reared in 2007 (JH); Cyprus, 25 km N Lemesos, Alona env., 1.4.-3.4.2006, larvae in living shrubs of *Cistus creticus* (PJ); Cyprus, 8 km NE Lemesos, Akrounta env., 2.4.2006, larvae in living shrubs of *Cistus creticus* (PJ); Cyprus, 30 km W Larnaka, Kato Lefkara env., 7.4.2006, larvae in living shrubs of *Cistus creticus* (PJ); Cyprus, 26 km SW Larnaka, 3 km N Skarinou, Dhypotamos Dam env., 7.4.2006, larvae in living shrubs of *Cistus creticus* (PJ); Cyprus, 28 km NE Paphos, 4 km N Pano Panagia, Troodos Mts., 17.3.2012, 1 larva in dying shrub of *Cistus creticus*, 1 adult reared subsequently (JH).

9) *Trichoferus fasciculatus ssp. fasciculatus* (Faldermann, 1837)

Material: Cyprus, 10 km SW Lemesos, Akrotiri env., 27.3.-6.4.2006, larvae in dead branches of *Eucalyptus sp.*, 16 adults emerged from 26.6. to 30.6.2006 (PJ, RA, WG) and 2 adults

R. Ambrus, W. Grosser & J. Hrbek

emerged 30.6.2007 (WG); Cyprus, 10 km W Lemesos, 3 km SW Erimi, Kourion env., 27.3.2006, larvae in dead branches of *Eucalyptus* sp., 3 adults emerged from 26.6. to 29.6.2006 (WG); Cyprus, 15 km E Pafos, Kouklia env., 28.3.2006, larvae in dead branches of *Ceratonia siliqua*, 2 adults emerged 20.6.2006 (PJ); Cyprus, 20 km N Pafos, Avgas Gorge (Agios Georgios), 28.3.2006, larvae in dead branches of *Ceratonia siliqua*, 2 adults emerged 25.6.2006 (PJ); Cyprus, 28 km N Pafos, 7 km W Polis, Neo Chorio env., 29.3.-5.4.2006, larvae in dead branches of *Ceratonia siliqua*, 2 adults emerged from 27.6.2006 to 5.7.2006 (PJ, WG); Cyprus, 28 km N Pafos, 16 km NE Polis, Pomos env., 5.4.2006, larvae in dead twigs of *Prunus dulcis*, 12 adults emerged from 10.6. to 27.6.2006 (PJ, RA, WG); Cyprus, Lemesos distr., Armenochori env., 34°44'33.74"N 33°7'22.18"E, 11.4.2006, larvae in dead branches of *Ceratonia siliqua*, 1 adult hatched in July 2006 (RD); Cyprus, 10 km NE Limassol, Armenochori env., 20.5.2008, 2 pupae in pupal cells in dead branches of *Ceratonia siliqua*, 1 adult emerged 6.7.2008 (PZ); Cyprus, Larnaca distr., Lageia, 34°50'13.56"N 33°15'32.76"E, 4.5.2013, larvae in dead branches of *Ceratonia siliqua*, 10 adults emerged from 13.6. to 8.8.2013 (RD).

10) *Trichoferus georgioui* Sama & Makris, 2001

Material: Cyprus, 20 km N Pafos, Avgas Gorge (Agios Georgios), 28.3.2006, larvae in dead branches of *Ceratonia siliqua*, 1 adult reared subsequently in 2006 (JH); Cyprus, 10 km NE Limassol, Armenochori env., 20.5.2008, 1 pupa in a pupal cell in a dead branch of *Ceratonia siliqua*, 1 adult emerged 22.7.2008 (PZ).

Remarks: The first record of host plant for this species.

11) *Trichoferus griseus* (Fabricius, 1793)

Material: Cyprus, 5 km NE Lemesos, Germasogeia Dam env., 26.3.-6.4.2006, larvae in dead branches of *Ceratonia siliqua* (PJ, RA), 1 adult emerged 30.5.2006 (PJ) and 1 adult emerged 29.6.2006 (RA), larvae in dead branches of *Ficus carica*, adults reared subsequently (JH); Cyprus, 20 km N Pafos, Avgas Gorge (Agios Georgios), 28.3.2006, larvae in dead branches of *Ceratonia siliqua*, 1

adult emerged 26.5.2006 (JH); Cyprus, Larnaca distr., Lageia env., 34°50'13.56"N 33°15'32.76"E, 4.5.2013, larvae in dead branches of *Ceratonia siliqua*, 5 adults emerged from 18.6. to 2.8.2013 (RD).

Tribe Graciliini

12) *Penichroa fasciata* (Stephens, 1831)

Material: Cyprus, 10 km SW Lemesos, Akrotiri env., 27.3.-6.4.2006, larvae in dead branches of *Eucalyptus* sp., 18 adults emerged from 20.5. to 16.6.2006 (PJ, RA, WG); Cyprus, 10 km W Lemesos, 3 km SW Erimi, Kourion env., 27.3.2006, larvae in dead branches of *Eucalyptus* sp., 25 adults emerged from 3.5. to 22.5.2006 (JH) and 3 adults emerged 20.6.2006 (PJ); Cyprus, 20 km N Pafos, Avgas Gorge (Agios Georgios), 28.3.2006, larvae in dead branches of *Ceratonia siliqua*, 5 adults emerged from 9.5. to 20.5.2006 (PJ); Cyprus, 28 km N Pafos, 16 km NE Polis, Pomos env., 5.4.2006, larvae in dead twigs of *Prunus dulcis*, 3 adults emerged 15.5.2006 (JH).

13) *Axinopalpis barbarae* ssp. *barbarae* Sama, 1992

Material: Cyprus, 28 km N Pafos, 25 km E Polis, Cedar Valley (outside the Nature Reserve), 30.3.-31.3.2006, larvae, praepupae and pupae in dead twigs of *Cedrus brevifolia* (JH, PJ, RA, WG), 4 immature adults found in pupal cells 25.4.2006 (JH), 1 immature adult found in pupal cell 3.5.2006 (PJ), another 2 adults emerged from 15.5. to 20.5.2006 (PJ) and another 2 adults emerged 10.4.2007 (WG); Cyprus, 28 km NE Paphos, Troodos Mts., Cedar Valley (outside the Nature Reserve), 17.3.2012, several larvae in dead twigs of *Cedrus brevifolia* (girdled twigs lying on the ground), adults reared subsequently (JH).

14) *Axinopalpis barbarae* ssp. *consobrinus* Sama, 1992

Material: Cyprus, 28 km N Pafos, 16 km NE Polis, Pomos env., 5.4.2006, larvae in dead twigs of *Prunus dulcis*, 19 adults emerged from 10.5. to 20.6.2006 (JH, PJ, RA, WG).

Tribe Certallini

15) *Certallum ebulinum* (Linnaeus, 1767)

Material: Cyprus, 5 km NE Lemesos, Germasogeia Dam env., 26.3.2006, 2 adults on flowers of *Sinapis sp.* (PJ, RA); Cyprus, 10 km SW Lemesos, Akrotiri env., 27.3.-6.4.2006, 20 adults on flowers of *Carduus sp.*, *Sinapis sp.* and *Apiaceae* (JH, PJ, RA, WG); Cyprus, 10 km W Lemesos, 3 km SW Erimi, Kourion env., 27.3.2006, 2 adults on flowers of *Carduus sp.* (RA); Cyprus, 15 km E Pafos, Kouklia env., 28.3.2006, 5 adults on flowers of *Sinapis sp.*, *Carduus sp.* and *Apiaceae* (JH, RA, WG); Cyprus, 8 km NE Lemesos, Akrounta env., 2.4.2006, 1 adult on flowers of *Sinapis sp.*, 1 adult, by sweeping of vegetation (PJ, WG); Cyprus, Akamas peninsula, Lakki env., 35°3'35.28"N 32°20'12.48"E, 5.4.2006, 2 adults on flowers of *Apiaceae* (RD); Cyprus, 26 km SW Larnaka, 3 km N Skarinou, Dhypotamos Dam env., 7.4.2006, 14 adults, by sweeping of flowering herbaceous plants, especially *Brassicaceae* (JH, PJ, RA, WG); Cyprus, 5 km NE Lemesos, Germasogeia Dam env., 19.3.2012, several adults by sweeping of vegetation (JH).

Tribe Deilini

16) *Deilus rugosicollis ssp. kadleci* Sama & Rapuzzi 2012

Material: Cyprus, 28 km N Pafos, 7 km W Polis, Neo Chorio env., 5.4.2006, larvae, pupae and 2 adults in pupal cells built in dead branches of *Genista fasselata*, other 1 adult emerged 23.4.2006 (PJ).

17) *Delagrangus (Delagrangus) angustissimus ssp. troodi* Sama, 1994

Material: Cyprus, 41 km NE Pafos, 2,5 km SE Prodromos, Olympos Mt. 1951 m, 1.4.2006, many adults and immature adults observed in pupal cells built in dead branches of *Juniperus foetidissima* (JH, PJ, RA, WG).

Tribe Stenopterini

18) *Stenopterus similatus* ssp. *mehli* Sama, 1995

Material: Cyprus, 15 km E Pafos, Kouklia env., 28.3.2006, 1 larva in dead branch of *Ceratonia siliqua*, 1 adult emerged 20.6.2006 (PJ); Cyprus, 10 km NE Limassol, Armenochori env., 20.5.2008, 1 adult in a pupal cell in a dead twig of *Pistacia* sp. (PZ); Cyprus, 16 km E Pafos, Kouklia env., 23.5.2008, 3 adults on flowers of *Apiaceae* (PZ).

Tribe Nathriini

19) *Nathrius brevipennis* (Mulsant, 1839)

Material: Cyprus, 20 km N Pafos, Avgas Gorge (Agios Georgios), 28.3.2006, larvae in dead branches of *Ceratonia siliqua*, 5 adults emerged from 3.5. to 26.5.2006 (JH); Cyprus, 15 km NE Lemesos, Kellaki env., 26.3.2006, larvae in dead branches of *Juglans regia*, 2 adults emerged 30.6.2006 (PJ); Cyprus, 20 km NW Pafos, Avakas Gorge, 24.5.2008, 1 adult sitting on a dead twig of *Pistacia* sp. (PZ).

Tribe Molorchini

20) *Molorchus* (*Molorchus*) *bassettii* (Sama, 1992)

Material: Cyprus, 28 km N Pafos, 25 km E Polis, Cedar Valley (outside the Nature Reserve), 30.3.-31.3.2006, larvae, praepupae, pupae and immature adults in dead twigs of *Cedrus brevifolia*, adults emerged from 14.4. to 8.5.2006 (JH, PJ, WG); Cyprus, 28 km NE Paphos, Troodos Mts., Cedar Valley (outside the Nature Reserve), 17.3.2012, larvae in dead tiny twigs of *Cedrus brevifolia* lying on the ground, adults reared subsequently (JH).

Tribe Cerambycini

21) *Cerambyx* (*Cerambyx*) *nodulosus* Germar, 1817

Material: Cyprus, Pafos, Panagia, 2.7.2009, 1 adult (CM, in coll. JH).

Tribe Purpuricenini

22) *Purpuricenus interscapillatus* ssp. *interscapillatus* Plavilstshikov, 1937

Material: Cyprus, Lemesos, Platres, 11.6.2000, 1 adult in a wine trap (CM, in coll. JH); Cyprus, Pafos, Panagia (Kountoroi), 20.6.2000, 1 adult in a wine trap (CM, in coll. JH).

23) *Purpuricenus nicocles* Schaufuss, 1871

Material: Cyprus, 25 km N Lemesos, Alona env., 1.4.-3.4.2006, larvae in living branches of *Quercus alnifolia* (JH, PJ, RA, WG); Cyprus, 28km N Pafos, 25 km E Polis, Cedar Valley (outside the Nature Reserve), 30.3.-31.3.2006, larvae in living branches of *Quercus alnifolia* (JH, PJ, RA, WG), 2 adults emerged from 6.7. to 9.7.2007 (RA); Cyprus, Nicosia, Troodos Mts., Alona env., 22.5.2008, 1 adult on a leaf of a living oak (*Quercus alnifolia*) (PZ); Cyprus, Lemesos District, Melini - 680 m, N 34°51.470', E 33°09.329', 25.-26.5.2009, several adults flying around tree tops or sitting on the leaves of their host (*Quercus alnifolia*) (DD, 1 adult in coll. WG, 2 adults in coll. TT); Cyprus, Larnaca distr., Lageia env., 34°50'6.00"N 33°15'33.48"E, 4.5.2013, 1 adult on *Quercus coccifera* (RD); Cyprus, Nicosia distr., Cedar Valley (outside the Nature Reserve), 7.5.2013, 1 adult on *Quercus alnifolia* (RD).

Remarks: *Purpuricenus nicocles* is found in maquis with *Quercus coccifera*, on the igneous slopes with *Quercus alnifolia*, but also in *Pinus brutia* and *Cedrus brevifolia* forests with understory of *Quercus alnifolia*. Larvae develop in living branches and twigs of *Quercus coccifera* and *Quercus alnifolia*. Pupation takes place in the autumn and adults overwinter in the pupal cells. Adults can usually be found flying around tree tops or sitting on the leaves of their host, especially in May.

24) *Calchaenesthes primis* Özdikmen, 2013

Material: Cyprus, Pafos, Eledio, 4.5.2007, 1 adult on *Quercus* sp. (CM, in coll. JH); Cyprus, Larnaka distr., 2.2 km W Pano Lefkara, 625 m, 12.4.2013, about 50 adults on *Quercus* sp. (ZL, 1 adult in coll. RA).

Remarks: *Calchaenesthes primis* is known only from Turkey. This species is new for the fauna of Cyprus.

In Turkey (Erdemli, Arslanli, 36°41'N 34°10'E), larvae of *Calchaenesthes primis* develop in living twigs of *Quercus coccifera* and quite likely also other *Quercus* spp. Pupation takes place in the autumn and adults overwinter in the pupal cells. Adults can usually be found sitting on the leaves or flying around of their host, especially from early April to early May.

Tribe Callidiini

25) *Phymatodes (Phymatodes) testaceus* (Linnaeus, 1758)

Material: Cyprus, Lemesos distr., Kyperounda env., 34°56'29.04"N 32°58'5.88"E, 6.5.2013, 1 adult on a dead branch of *Prunus* sp. (RD); Cyprus, Nicosia distr., Kampos vill., 35°2'15.72"N 32°43'55.92"E, 6.5.2013, 1 adult on cordwood (RD).

Tribe Clytini

26) *Chlorophorus (Immaculatus) varius* ssp. *damascenus* (Chevrolat, 1854)

Material: Cyprus, 20 km N Pafos, Avgas Gorge (Agios Georgios), 28.3.2006, 1 larva in dead branch of *Ceratonia siliqua*, 1 adult emerged 27.6.2006 (PJ); Cyprus, Lemesos distr., Pera Pedi, 34°51'41.76"N 32°52'17.04"E, 21.6.2007, 1 adult on flowers of *Apiaceae* (RD); Cyprus, 16 km E Pafos, Kouklia env., 23.5.2008, 2 adults on flowers of *Apiaceae* (PZ); Cyprus, 20 km NW Pafos, Avakas Gorge, 24.5.2008, 3 adults on flowers of *Apiaceae* (PZ).

27) *Chlorophorus (Perderomaculatus) sartor* (Müller, 1766)

Material: Cyprus, 20 km NW Pafos, Avakas Gorge, 24.5.2008, 2 adults on flowers of *Apiaceae* (PZ).

28) *Clytus (Clytus) rhamni* ssp. *temesiensis* (Germar, 1824)

Material: Cyprus, 10 km SE Kouklia, Petra tou Romiou, 4.4.2006, larvae in *Pistacia* sp., 3 adults emerged from 28. 4. to 30.4.2006 (PJ), Cyprus, 20 km NW Pafos, Avakas Gorge, 24.5.2008, 2 adults on flowers of *Apiaceae* (PZ).

Subfamily Lamiinae

Tribe Pteropliini

29) *Niphona (Niphona) picticornis* Mulsant, 1839

Material: Cyprus, 20 km N Pafos, Avgas Gorge (Agios Georgios), 28.3.2006, 1 adult in a pupal cell built in a dead branch of *Ceratonia siliqua* (PJ); Cyprus, 5 km NE Lemesos (Limassol), Germasogeia Dam env., 2.4.-6.4.2006, 1 adult on *Pistacia terebinthus* (PJ), 1 adult in a pupal cell built in a dead branch of *Ceratonia siliqua* (RA), larvae in dead branches of *Ceratonia siliqua*, 3 adult emerged from 15.4. to 20.4.2006 (PJ, RA); Cyprus, 28 km N Pafos, 7 km W Polis, Neo Chorio env., 5.4.2006, 1 adult on *Pistacia terebinthus* (RA), 2 adults in pupal cells built in dead branches of *Pistacia terebinthus* (JH); Cyprus, 10 km NE Limassol, Armenochori env., 20.5.2008, 1 adult on *Pistacia sp.* (PZ).

Tribe Pogonocherini

30) *Pogonocherus (Pogonocherus) anatolicus* K. Daniel, 1898

Material: Cyprus, Lemesos, Amyantos, 2002, larvae in *Pinus brutia*, adults reared subsequently (CM, in coll. JH).

Tribe Apodasyini

31) *Deroplia genei ssp. konvickai* Rapuzzi & Sama, 2012

Material: Cyprus, Larnaka, 2 km N Pano Lefkara, 19.5.2008, larvae in dead twigs of *Quercus coccifera subsp. calliprinos*, 1 immature adult found in pupal cell 21.10.2008 (PZ); Cyprus, Larnaka distr., 2.2 km W Pano Lefkara, 625 m, 12.4.2013, 2 adults on *Quercus sp.* (ZL).

Remarks: The first record of host plant for this subspecies.

Tribe Exocentrini

32) *Exocentrus (Exocentrus) adpersus* Mulsant, 1846

Material: Cyprus, 15 km NE Lemesos, Kellaki env., 26.3.2006, larvae in dead branches of *Juglans regia*, 2 adults emerged from 15.6. to 17.6.2006 (RA, in coll. PJ).

Remarks: *Exocentrus adpersus* is distributed in Palaearctic Region: Europe (Albania, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, France, Germany, Greece, Hungary, Italy, Luxembourg, Moldova, Poland, Romania, Russia: North of European Russia, Central and South of European Russia and Russian Caucasus, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine), Asia (Armenia, Azerbaijan, Georgia, Kazakhstan, Russia: ?West Siberia, Syria, Turkey).

This species is new for the fauna of Cyprus.

Tribe Phytoeciini

33) *Phytoecia (Phytoecia) croceipes* Reiche et Saulcy, 1858

Material: Cyprus, 24 km W Lemesos, Avdimou env., 23.3.2012, adults by sweeping of vegetation, host plant unknown (JH).

34) *Phytoecia (Phytoecia) geniculata ssp. geniculata* Mulsant, 1863

Material: Cyprus, 28 km N Pafos, 7 km W Polis, Neo Chorio env., 30.3.2006, 1 adult on *Silybum marianum* (JH); Cyprus, 30 km W Larnaka, Kato Lefkara env., 7.4.2006, 1 adult on *Silybum sp.* (RA); Cyprus, 26 km SW Larnaka, 3 km N Skarinou, Dhypotamos Dam env., 7.4.2006, 1 adult on *Carduus sp.* (PJ).

35) *Phytoecia (Phytoecia) virgula* (Charpentier, 1825)

Material: Cyprus, 10 km SW Lemesos, Akrotiri env., 2.4.2006, 5 adults on stalks of *Pallenis spinosa (Asteraceae)* (JH, PJ, RA); Cyprus, 26 km SW Larnaka, 3 km N Skarinou, Dhypotamos Dam env., 7.4.2006, 3 adults on stalks of *Pallenis spinosa (Asteraceae)* (JH, PJ).

36) *Phytoecia (Coptosia) ganglbaueri* Pic, 1936

Material: Cyprus, 8 km SW Lemesos, 4 km N Akrotiri, Fasouri, 24.3.2012, adults on *Cynoglossum creticum* (JH).

37) *Phytoecia (Helladia) adelpha* Ganglbauer, 1886

Material: Cyprus, Lemesos, Fasouri, 5.4.2003, 1 adult on *Centaurea calcitrapa* (CM, in coll. JH).

38) *Phytoecia (Helladia) millefolii* ssp. *alziari* (Sama, 1992)

Material: Cyprus, 10 km SW Lemesos, Akrotiri env., 27.3.-2.4.2006, 6 adults, by sweeping of vegetation (JH, PJ, RA, WG); Cyprus, 26 km SW Larnaka, 3 km N Skarinou, Dhypotamos Dam env., 7.4.2006, 1 adult, by sweeping of vegetation (JH); Cyprus, 8 km SW Lemesos, 4 km N Akrotiri, Fasouri, 24.3.2012, adults on *Dittrichia viscosa* (JH); Cyprus, 28 km W Lemesos, Pissouri env., 25.3.2012, adults on *Dittrichia viscosa* (JH); Cyprus, Larnaca distr., Lageia env., 34°50'6.00"N 33°15'33.48"E, 3.5.2013, 1 adult, by sweeping of vegetation (RD).

39) *Phytoecia (Helladia) humeralis* ssp. *humeralis* (Waltl, 1838)

Material: Cyprus, 10 km SW Lemesos, Akrotiri env., 27.3.-6.4.2006, many adults on *Silybum* sp. and *Centaurea* sp. (JH, PJ, RA, WG); Cyprus, 10 km W Lemesos (Limassol), 3 km SW Erimi, Kourion env., 27.3.2006, 1 adult, by sweeping of vegetation (RA); Cyprus, 15 km E Pafos, Kouklia env., 28.3.2006, 12 adults on *Centaurea hyalolepis* (JH, PJ, RA, WG); Cyprus, 28 km N Pafos, 7 km W Polis, Neo Chorio env., 29.3.-5.4.2006, 12 adults on *Carduus* sp. (JH, PJ, RA, WG); Cyprus, 8 km NE Lemesos (Limassol), Akrounta env., 2.4.2006, 8 adults on *Carduus* sp. (PJ); Cyprus, 26 km SW Larnaka, 3 km N Skarinou, Dhypotamos Dam env., 7.4.2006, 11 adults on *Silybum* sp. and *Carduus* sp. (JH, PJ, RA, WG); Cyprus, 24 km W Lemesos, Avdimou env., 21.3.2012, many adults on *Silybum marianum* (JH); Cyprus, 24 km W Lemesos, Avdimou env., 23.3.2012, adults on *Silybum marianum* (JH);

Cyprus, 8 km SW Lemesos, 4 km N Akrotiri, Fasouri, 24.3.2012, 1 adult on *Centaurea sp.* (JH).

Tribe Agapanthiini

40) *Calamobius filum* (Rossi, 1790)

Material: Cyprus, 10 km SW Lemesos, Akrotiri env., 27.3.-4.4.2006, 34 adults, by sweeping of vegetation (JH, PJ, RA, WG); Cyprus, 15 km E Pafos, Kouklia env., 28.3.2006, 3 adults, by sweeping of vegetation (JH); Cyprus, 8 km NE Lemesos, Akrounta env., 2.4.2006, 1 adult, by sweeping of vegetation (WG); Cyprus, 7 km E Lemesos (Limassol), Amathous env., 2.4.2006, 7 adults, by sweeping of vegetation (JH, RA); Cyprus, 26 km SW Larnaka, 3 km N Skarinou, Dhypotamos Dam env., 7.4.2006, 3 adults, by sweeping of vegetation (PJ); Cyprus, Lemesos distr., Kalo Chorio env., 34°51'1.80"N 33°1'33.60"E, 13.4.2006, 1 adult, by sweeping of vegetation (RD); Cyprus, 24 km W Lemesos, Avdimou env., 23.3.2012, adults by sweeping of vegetation (JH).

41) *Agapanthia (Smaragdula) gemella* Holzschuh, 1989

Material: Cyprus, 15 km NE Lemesos, Dierona env., 26.3.2006, 10 immature adults in dead stalks of *Erophaca baetica subsp. orientalis* (Fabaceae), 3 adults on the leaves of this plant (JH, PJ, RA); Cyprus, 25 km N Lemesos, Alona env., 1.4.-3.4.2006, many immature adults and pupae in dead stalks of *Erophaca baetica subsp. orientalis* (Fabaceae) (JH, PJ, RA, WG); Cyprus, Nicosia distr., Pedoulas env., 9.4.2006, 6 adults on *Erophaca baetica subsp. orientalis* (Fabaceae) (RD); Cyprus, 22 km NE Lemesos, 1 km E Melini, 19.3.2012, adults in dead cut-off stems of *Erophaca baetica subsp. orientalis* (Fabaceae) (JH).

Remark: Larvae of this species feed in central part of stalks of its living host plants. At the end of the season, larva girdles the stalk just at the ground level and the stalk falls off. The pupation takes place in cut-off part of the stalk.

42) *Agapanthia (Agapanthia) suturalis* (Fabricius, 1787)

Material: Cyprus, 10 km SW Lemesos, Akrotiri env., 27.3.-6.4.2006, many adults on different herbaceous plants: *Carduus sp.*, *Cirsium sp.*, *Chrysanthemum sp.* (JH, PJ, RA, WG); Cyprus, 15 km E Pafos, Kouklia env., 27.3.-28.3.2006, 35 adults on different herbaceous plants: *Carduus sp.*, *Cirsium sp.*, *Chrysanthemum sp.* (JH, PJ, RA, WG); Cyprus, 10 km N Pafos, Coral Bay env., 28.3.2006, 5 adults on *Carduus sp.* (JH, WG); Cyprus, 28 km N Pafos, 7 km W Polis, Neo Chorio env., 29.3.-5.4.2006, 5 adults on *Carduus sp.* (JH, PJ, RA); Cyprus, 8 km NE Lemesos, Akrounta env., 2.4.2006, 1 adult on *Carduus sp.* (PJ); Cyprus, 7 km E Lemesos, Amathous env., 2.4.2006, 2 adults on *Carduus sp.* (JH, RA); Cyprus, 26 km SW Larnaka, 3 km N Skarinou, Dhypotamos Dam env., 7.4.2006, 6 adults on *Carduus sp.*, *Cirsium sp.* and on stalk of unknown *Asteraceae* plant (JH, RA); Cyprus, Paphos distr., Nata env., 34°45'45.36"N 32°34'22.80"E, 8.4.2006, 2 adults, by sweeping of vegetation (RD); Cyprus, Lemesos distr., Armenochori env., 34°44'33.74"N 33°7'22.18"E, 11.4.2006, 1 adult, by sweeping of vegetation (RD); Cyprus, 16 km E Pafos, Kouklia env., 23.5.2008, 2 adults on *Carduus sp.* (PZ); Cyprus, 24 km W Lemesos, Avdimou env., 23.3.2012, 1 adult, by sweeping of vegetation (JH); Cyprus, Larnaca distr., Mazotos env., 34°48'18.36"N 33°30'48.24"E, 3.5.2013, 3 adults, by sweeping of vegetation (RD).

43) *Agapanthia (Epoptes) nicosiensis* Pic, 1927

Material: Cyprus, 26 km SW Larnaka, 3 km N Skarinou, Dhypotamos Dam env., 7.4.2006, 6 adults on *Carduus sp.* (JH, PJ); Cyprus, Pafos, Agia Varvara, 8.1.2009, 1 adult (CM, in coll. JH); Cyprus, Akamas peninsula, 27 km N Paphos, 3 km W Neo Chorio, Camping site „Smigies“ env., 22.3.2012, adults sitting on *Asphodelus sp.* (JH); Cyprus, Larnaca distr., Lageia env., 34°50'6.00"N 33°15'33.48"E, 3.5.2013, 3 adults, by sweeping of vegetation (RD).

ACKNOWLEDGEMENTS. The authors are deeply indebted to all friends and colleagues who contributed to this work with their data and for loan of some specimens for study. These include Diethard Dauber (Linz, Austria), Roman Dudl (Planá nad Lužnicí, CZ), Pavel Jelínek (Brno, CZ), Zdeno Luchbauer (Kettering, UK), Christodoulos Makris (Lemesos, CY), Tomáš Tichý (Opava, CZ) and Petr Zlámal (Prague, CZ). We also thank to Gabriel Alziar (Cassagnes-Bégonhès, FR), Charalambos Christodoulou (Lefkosia, CY) and Tomáš Svačina (Bystrice pod Hostýnem, CZ) for the identification of some host plants.

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Received: 18.01.2014

Accepted: 24.01.2014

***Dorcadion skoupyorum* nom. nov. for
Dorcadion skoupyi Bernhauer & Peks, 2014
(Coleoptera, Cerambycidae)**

D. Bernhauer¹ & H. Peks²

¹Am Sonnenhang 24, 65307 Bad Schwalbach, Deutschland

²Röthenweg 7, 97523 Schwanfeld, Deutschland.

Key words: Coleoptera, Cerambycidae, *Dorcadion*, new name, Turkey.

Abstract: *Dorcadion skoupyorum* **nom. nov.** is proposed to replace a junior homonym *Dorcadion skoupyi* Bernhauer & Peks, 2013, not *Dorcadion skoupyi* Lazarev, 2013.

Dorcadion scabricolle skoupyi Lazarev, 2013, true publications date 31 March 2013 is the senior primary homonym of *Dorcadion skoupyi* Bernhauer & Peks, 2013, 31 December 2013.

Thus the latter name is the invalid primary junior homonym of the former. Under these circumstances following the Principle of Homonymy (Code, Art. 52) we propose herewith to replace the invalid junior homonym by *Dorcadion skoupyorum* **nom. nov.** We regret having overlooked the older name.

It is convenient to repeat the basic data of the invalid name, valid by implications for the the replacement name:

Holotype and type-locality: ♂, TÜRKİE, zw. Şavşat und Çamgeç, 2100-2250 m, 18.05.1995, leg. H. Peks (ESP).

Paratypes: 2 ♂♂, TÜRKİE, zw. Şavşat und Çamgeç, 2100-2250 m, 18.05.1995, leg. H. Peks (ESB); 31 ♂♂, 26 ♀♀, TÜRKİE, zw. Şavşat und Çamgeç, 2100-2250 m, 18.05.1995, leg. H. Peks (ESP); 1 ♀, TÜRKİE, Şavşat, Çamgeç, 2100-2200 m, 19. u. 20.05.1997, leg. K. Adamik (ESS); 1 ♂, TÜRKİE, Şavşat, Çamgeç, 2700 m, 10.07.1998, leg. Skoupy (ESS); 3 ♂♂, 6 ♀♀, TÜRKİE, 19 km ö. Şavşat, Çamgeç, 2150 m, 13.05.2006, leg. D. Bernhauer (ESB); 1 ♂, 5 ♀♀, TÜRKİE, 16 km ö. Şavşat, Çamgeç, 2000 m, 14.05.2006, leg. D. Bernhauer (ESB); 1 ♂, 5 ♀♀, TÜRKİE, 16 km ö. Şavşat, Çamgeç, 2000 m, 14.05.2007, leg. D. Bernhauer (ESB); 19 ♂♂, 17 ♀♀, TÜRKİE, 17 km ö. Şavşat, Çamgeç, 2000 m, 13.05.2009, leg. D. Bernhauer (ESB); 2 ♂♂, 2 ♀♀, TÜRKİE, 16 km ö. Şavşat,

D. Bernhauer & H. Peks

Çamgeç, 2000 m, 16.05.2011, leg. D. Bernhauer (ESB); 1 ♂, TÜRKİE, 16 km ö. Şavşat, Çamgeç, 2000 m, 13.05.2012, leg. D. Bernhauer (ESB).

ACKNOWLEDGEMENTS. We have a pleasure in thanking Dr. Mikhail Danilevsky for the information.

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- Lazarev M. A. 2013. New subspecies of *Dorcadion scabricolle* (Dalman, 1817) of Iran and Azerbaijan (Coleoptera, Cerambycidae).- Humanity space. International almanac, Vol. 2, No 1: 222-234.

Received: 22.02.2014

Accepted: 03.03.2014

**Additions and corrections to the new Catalogue of Palaearctic
Cerambycidae (Coleoptera) edited by I. Löbl and A. Smetana,
2010. Part. IX**

M.L. Danilevsky

A.N. Severtzov Institute of Ecology and Evolution, Russian Academy of Sciences,
Leninsky prospect 33, Moscow 119071 Russia

e-mail: danilevskym1@rambler.ru, danilevsky@cerambycidae.net

Key words: Cerambycidae, taxonomy, Palaearctic Region, new rank, new combinations, new records.

Abstract: Misprints, wrong combinations, wrong geographical records, wrong references, wrong status of certain names, wrong synonyms, wrong authorships and dates of certain names, wrong spellings of several names and so on are fixed. Sometimes unavailable names were published as available. Missing names, geographical data and references are added. Several new geographical records are included.

Ninth (and the last, as a new updated version of the Catalogue is prepared by me) part of additions and corrections to the Cerambycidae Catalogue (Löbl & Smetana, 2010) continues eight parts published before (Danilevsky, 2010, 2011, 2012a, 2012b, 2012c, 2012d, 2013a, 2013b). All parts include more than 1000 corrections, as well as many new geographical records and several new names, which are all shown in <http://www.cerambycidae.net/catalog.html> together with acceptable corrections published by A. I. Miroshnikov (2011a, 2011b, 2011c, 2011d, 2013a, 2013b), I. Löbl & A. Smetana (2011, 2013), D.G. Kasatkin & A. I. Miroshnikov (2011), H. Özdikmen (2011).

The references to the present article include only the publications absent in the references to the Catalogue (Löbl & Smetana, 2010). The references inside the text of the present article to the publications included in the references to the Catalogue have same letters after the number of the year as in the Catalogue.

1. page 85

PRINTED:

genus *Distenia* Audinet-Serville, 1825: 485 type species *Distenia columbina* Audinet-Serville, 1825

M.L. Danilevsky

Antinoe J. Thomson, 1864: 225 type species *Antinoe bicolor* J. Thomson, 1864

Apheles Blessig, 1872: 165 type species *Apheles gracilis* Blessig, 1872

Sakuntala Lameere, 1890: ccxiii type species *Sakuntala kalidasae* Lameere, 1890

Thelxiope J. Thomson, 1864: 226 type species *Thelxiope viridicyanea* J. Thomson, 1864

MUST BE:

genus *Distenia* Lepeletier & Audinet-Serville, 1828: 485 type species *Distenia columbina* Lepeletier and Audinet-Serville, 1828

subgenus *Distenia* Lepeletier & Audinet-Serville, 1828: 485 type species *Distenia columbina* Lepeletier and Audinet-Serville, 1828

Apheles Blessig, 1872: 165 type species *Apheles gracilis* Blessig, 1872

Sakuntala Lameere, 1890: ccxiii type species *Sakuntala kalidasae* Lameere, 1890

Thelxiope J. Thomson, 1864: 226 [HN] type species *Thelxiope viridicyanea* J. Thomson, 1864

Thomsonistenia Santos-Silva & Hovore, 2007:3 [RN] type species: *Thelxiope viridicyanea* J. Thomson, 1864

NOTE:

According to Santos-Silva & Hovore (2007) *Distenia* Lepeletier and Audinet-Serville, 1828 must be accepted. The date and authorship of the genus (as well as its type species) were published on the base of Evenhuis (2003).

The new date was accepted by Löbl & Smetana (2013), but the traditional authorship was left though with another year: “*Distenia* Audinet-Serville, 1828” and reference was modified as:

Audinet-Serville J. G. A. 1825-1828: [new taxa]. In: Diderot D. & d’Alembert J. L. (eds): Encyclopédie Méthodique. Histoire Naturelle. Entomologie, ou histoire naturelle des crustacés, des arachnides et des insectes. Tome. 10. Paris: Agasse, 832pp [1825: 1-344, 1828: 345-832].

2. page 87

PRINTED:

sinicum hainanensis Gahan, 1900d: 347 A: FUJ GUA GUX HAI JIA SCH TAI YUN **ORR**

MUST BE:

hainanense hainanense Gahan, 1900d: 347 A: FUJ GUA GUX HAI JIA SCH TAI YUN **ORR**

M.L. Danilevsky

NOTE:

Aegosoma sinicum legrandi Komiya & Drumont, 2013: 92 was described from Borneo (Sabah). The new taxon was compared with *A. sinicum hainanense* as very close. So, as it was noticed by T. Tichý (personal message, 2013), after recognition of *A. hainanense* as a species, *Aegosoma hainanense legrandi* Komiya & Drumont, 2013 must be accepted.

3. page 97

PRINTED:

inexpectata Jansson & Sjöberg, 1928: 212 (*Leptura*)

MUST BE:

inexpectata Jansson & Sjöberg, 1928: 212 (*Leptura*)

4. page 101

PRINTED:

pallipes Stephens, 1831: 264 (*Leptura*)

MUST BE:

pallipes Stephens, 1831: 263 (*Leptura*)

5. pages 102, 106

PRINTED (p.106):

lateripicta Fairmaire, 1895: 178 (*Leptura*) A: FUJ **ORR**

fukiensis Tippmann, 1955: 98 (*Strangalia*)

MUST BE (p.102):

genus *Idiostrangalia* Nakane & K. Ohbayashi, 1957: 243 type species *Strangalia contracta* Bates, 1884

akiyamai Hayashi, 1978a: 86 A: TAI

albopreterminalis Hayashi & Villiers, 1989: 2 A: TAI

angustissima Gressitt, 1935d: 261 (*Strangalina*) A: TAI

yanoi Tamanuki, 1939: 146 (*Strangalina*)

atrocincta Pic, 1928b: 17 (*Strangalina*) A: SE SW **ORR**

auricoma Holzschuh, 2007: 197 A: YUN **ORR**

contracta Bates, 1884: 223 (*Strangalia*) A: JA JIX

ohbayashii Matsushita, 1933b: 220 (*Strangalia*)

tamanukii Hayashi, 1959b: 61 (*Pygostrangalia*)

fukienensis Pic, 1957: 77 (*Strangalina*) A: FUJ

fukiensis Tippmann, 1955: 98 (*Strangalia*) A: ANH FUJ

NOTE:

According to T. Tichý (personal message, 2013) Löbl & Smetana (2011: 37) published a wrong correction: “remove *fukiensis* Tippmann, 1955 from synonymy of *Mimostrangalia lateripicta* Fairmaire, 1895 and place it as valid species in *Ischnostrangalis*”.

See Holzschuh (2008: 149): “*Strangalia lateripicta fukiensis* Tippmann, 1955 is raised to species level and transferred to *Idiostrangalia* Nakane et Ohbayashi, 1957”. *Idiostrangalia fukiensis* (Tippmann, 1955) is distributed in “China: Fujian, Anhui” (Holzschuh, 2008: 163).

6. pages 102, 112

PRINTED(p. 102):

genus *Japanostrangalia* Nakane & K. Ohbayashi, 1957: 244 type species *Leptura dentatipennis* Pic, 1901

basiplicata Fairmaire, 1889a: 60 (*Stenura*) **A:** GUA GUI HUB HUN JIX SCH ZHE

argodi Théry, 1896: 109 (*Strangalia*)

dentatipennis Pic, 1901m: 60 (*Leptura*) **A:** JA

yamasakii Mitono, 1936: 421 (*Strangalia*) **A:** FUJ GUI HUN JIX TAI

miwai Mitono, 1943: 587 (*Strangalia*)

(p. 112):

genus *Sinostrangalis* Hayashi, 1960a: 13 type species *Strangalia ikedai* Tamanuki & Mitono, 1939

elegans Tippmann, 1955: 94 (*Strangalia*) **A:** FUJ

michioi Tippmann, 1955: 95

MUST BE:

genus *Elacomia* Heller, 1916b: 298 type species: *Elacomia collaris* Heller, 1916

Acantholeptura Gressitt, 1935h: 274 type species:

Acantholeptura glabropleura Gressitt, 1935 (= *Leptura femorata* Pascoe, 1869)

michioi Tippmann, 1955: 95 (*Strangalia*) **A:** FUJ

semiannulata Pic, 1916d: 5 (*Leptura*) **A:** YUN **ORR**

...

genus *Japanostrangalia* Nakane & K. Ohbayashi, 1957: 244 type species *Leptura dentatipennis* Pic, 1901

M.L. Danilevsky

basiplicata Fairmaire, 1889a: 60 (*Stenura*) A: FUJ GUA GUI HUB
HUN JIX SCH ZHE

argodi Théry, 1896: 109 (*Strangalia*)

elegans Tippmann, 1955: 94 (*Strangalia*)

dentatipennis Pic, 1901m: 60 (*Leptura*) A: JA

yamasakii Mitono, 1936: 421 (*Strangalia*) A: FUJ GUI HUN JIX
TAI

miwai Mitono, 1943: 587 (*Strangalia*)

NOTE:

According to Holzschuh (1991c: 27) *Strangalia elegans* Tippmann, 1955: 94 is a synonym of *Stenura basiplicata* Fairmaire, 1889a; *Strangalia michioi* Tippmann, 1955: 95 is a valid name in *Elacomia*.

Elacomia semiannulata (Pic, 1916d) was recorded by Weigel et al. (2013: 53, 67) for Yunnan, but here a wrong spelling with wrong date was used ("*Leptura formorata* Pascoe, 1859").

7. pages 104-105

PRINTED:

auratopilosa Matsushita, 1931a: 42 (*Strangalia*) A: FUJ GUA GUI
GUX HEN HUB HUN JA (Ryukyus) JIX SCH TAI ZHE

piyanan Kano, 1933a: 267 (*Strangalia*)

quadranglithoracica Tamanuki, 1942: 145 (*Strangalia*)

segregata Tamanuki, 1942: 146 (*Strangalia*)

aurosericans Fairmaire, 1895: 177 A: FUJ GUA GUI GUX HUB
HUN JIX SCH ZHE **ORR**

mausonensis Pic, 1903c: 29

meridiosinica Gressitt, 1951a: 99

...

mushana Tamanuki, 1939: 144 (*Strangalia*) A: TAI

...

tattakana Kano, 1933a: 266 (*Strangalia*) A: TAI

horishana Matsushita, 1933b: 214

MUST BE:

auratopilosa Matsushita, 1931a: 42 (*Strangalia*) A: TAI

piyanan Kano, 1933a: 267 (*Strangalia*)

quadranglithoracica Tamanuki, 1942: 145 (*Strangalia*)

segregata Tamanuki, 1942: 146 (*Strangalia*)

aurosericans Fairmaire, 1895: 177 A: FUJ GUA GUI GUX HEN
HUB HUN JA (Ryukyus) JIX SCH ZHE **ORR**

M.L. Danilevsky

mausonensis Pic, 1903c: 29
meridiosinica Gressitt, 1951a: 99
rufimembris Pic, 1923a: 11 (*Parastrangalis*)
sericea Pic, 1903c: 29

...

tattakana Kano, 1933a: 266 (*Strangalia*) A: TAI
horishana Matsushita, 1933b: 214
mushana Tamanuki, 1939: 144 (*Strangalia*)

NOTE:

According to Yang et al. (2011) *Strangalia horishana* Matsushita, 1933b and *Strangalia tattakana* Kano, 1933a are synonyms of *Strangalia auratopilosa* Matsushita, 1931a.

According to Ohbayashi & Chou (2013) *Leptura tattakana* (Kano, 1933a) [= *horishana* Matsushita, 1933b = *mushana* Tamanuki, 1939] is valid.

8. page 106

PRINTED:

gahani Plavilstshikov, 1921: 110 (*Leptura*) A: YUN **ORR**

MUST BE:

gahani Plavilstshikov, 1921: 110 (*Leptura*) [RN] A: YUN **ORR**

9. page 107

NEW RECORD:

Nanostrangalia trinotata (Pic, 1928: 26) (*Leptura*) A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

10. page 107

PRINTED:

lindbergi Villiers, 1943: 233 (*Strangalia*) N: MO

MUST BE:

lindbergi Villiers, 1943: 233 (*Strangalia*) N: MO
baudoni Villiers, 1960a: 7 (*Strangalia*)

11. page 108

MISSING NAME:

Pachytodes cerambyciformis var. *externeonotata* Pic, 1923: 13 –
“France: Poule”.

NOTE:

See missing publication by Pic (1923).

12. page 108

PRINTED:

multiinterrupta Pic, 1915a: 30 (*Leptura*)

MUST BE:

multiinterruptus Pic, 1915a: 30 (*Leptura*)

13. page 110

PRINTED:

sculptilis Holzschuh, 1991c: 30 A: SCH

MUST BE:

sculptilis Holzschuh, 1991c: 30 A: SCH TAI

NOTE:

See: Holzschuh (2013)

14. page 110

PRINTED:

schleichneri Pic, 1934g: 38 (*Leptura*)

MUST BE:

schleicheri Pic, 1934g: 38 (*Leptura*)

15. page 112

PRINTED:

maculata nigricornis Stierlin, 1864: 153 (*Strangalia*) E: IT (Sicilia)

MUST BE:

maculata manca Schaufuss, 1863: 121 (*Strangalia*) E: AB AR FR
GG IT PT SP ST UK A: IN TR SY

kricheldorffi Wagner, 1928: 121 (*Leptura*)

nigricornis Stierlin, 1864: 153 (*Strangalia*)

nigrofasciata V. Petagna, 1792: 247 (*Leptura*) [HN]

16. page 114

PRINTED:

otini Peyerimhoff, 1949: 293 (*Leptura*) E: SP N: MO

peyerimhoffi Reymond, 1953: 200 (*Leptura*)

MUST BE:

otini Peyerimhoff, 1949: 293 (*Leptura*) E: SP N: MO

NOTE:

The name *Leptura otini* var. *peyerimhoffi* Reymond, 1953 is unavailable. It was proposed for two dark specimens only from normal population, so infrasubspecific rank was expressly given (Article 45.6.4 of ICZN).

17. page 114

PRINTED:

cordigera *anojaensis* Sláma, 1982: 207 E: GR (Kříti) A: TR

MUST BE:

cordigera *anojaensis* Sláma, 1982: 207 (*Brachyleptura*) E: GR (Kříti) A: TR

NOTE:

The newly published correction “*anoaiensis*” (Löbl & Smetana, 2013: 41) was also wrong.

18. page 115

PRINTED:

scutellata melas P. H. Lucas, 1849: 510 (*Leptura*) E: IT (Sicilia) N: AG TU

MUST BE:

scutellata melas P. H. Lucas, 1847: pl. 43 (*Leptura*) E: IT (Sicilia) N: AG TU

NOTE:

According to Löbl & Smetana (2013) „correct data for *Stictoleptura scutellata melas* (P. H. Lucas) to 1847: pl. 43“.

19. page 118

PRINTED:

cursor Linnaeus, 1758: 393 (*Cerambyx*) E: AL AN AU BE BH BU BY CR CT CZ DE EN FI FR GE HU IT LA LS LT MC MD NL NR NT PL RO SK SL SP ST SV SZ UK YU A: SHX WS

genuinus Letzner, 1885: 346

lineatus Letzner, 1885: 346

luctuosus Latreille, 1804a: 310 (*Leptura*)

niger Olivier, 1795: 19 (*Stenocorus*)

nigricollis Letzner, 1885: 346

noctis Linnaeus, 1767: 630 (*Cerambyx*)

spaceki Roubal, 1934c: 140

M.L. Danilevsky

MUST BE:

cursor Linnaeus, 1758: 393 (*Cerambyx*) E: AL AN AU BE BH BU
BY CR CT CZ DE EN FI FR GE HU IT LA LS LT MC MD NL NR
NT PL RO SK SL SP ST SV SZ UK YU A: SHX WS

luctuosus Latreille, 1804a: 310 (*Leptura*)

niger Olivier, 1795: 19 (*Stenocorus*)

noctis Linnaeus, 1767: 630 (*Cerambyx*)

spaceki Roubal, 1934c: 140

NOTE:

Four new names (*genuinus*, *fenestratus*, *lineatus*, *nigricollis*) proposed by Letzner (1885) for *Oxymirus cursor* as “Farben-Varietäten“ without any geographical remarks in a local „Schlesischen“ revue must be regarded as unavailable as the author expressly gave to each infrasubspecific rank (Article 45.6.4 of ICZN).

20. page 119

NEW RECORD:

genus *Acapnolymma* Gressitt & Rondon, 1970: 34 type species

Capnolymma sulcaticeps Pic, 1923

sulcaticeps Pic, 1923a: 12 (*Capnolymma*) A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

Here I preliminary regard the genus inside Rhagiini, but the necessity of the own tribe (together with *Capnolymma* Pascoe, 1869 and *Apioccephalus* Gahan, 1898) is quite evident.

21. page 119

MISSING NAME:

Pachyta strigilata var. *spretta* Lentz, 1857: 147 – “Preußen”

NOTE:

It is a synonym of *Gnathacmaeops pratensis* (Laicharting, 1784).

22. page 121

PRINTED:

genus *Brachyta* Fairmaire, 1864a: 185 type species *Leptura interrogationis* Linnaeus, 1758

...

M.L. Danilevsky

variabilis phlaesa Z. Wang, 2003: 127, 398 (*Evodinus*) A: HEI
variabilis scapularis Mannerheim, 1849: 245 (*Pachyta*) A: ES FE
MG NE NMO

comosa Solsky, 1871a: 400 (*Pachyta*)
discobilineata Pic, 1928c: 2
heyrovskiyi Pic, 1926d: 10
instriolata Pic, 1912c: 2 (*Evodinus*)
intermedia Pic, 1916b: 3 (*Evodinus*)
multisignata Pic, 1915a: 41 (*Evodinus*)
mutabilis Motschulsky, 1859a: 571 (*Pachyta*)
obscuripennis Pic, 1900c: 6 (*Evodinus*)
preapicalis Pic, 1902c: 8
prescutellaris Pic, 1902c: 8
reductesignatus Pic, 1915a: 41 (*Evodinus*)
rufimembris Pic, 1926d: 13
semifulva Pic, 1900s: 82
sinuatolineatus Pic, 1915a: 41 (*Evodinus*)
sinuatosignata Pic, 1915e: 4 (*Evodinus*)
solskyi Kraatz, 1879c: 71 (*Pachyta*)
subfasciata Pic, 1926d: 10
subjuncta Pic, 1926d: 10
sublineata Pic, 1916b: 3 (*Evodinus*)
testaceimembris Pic, 1916b: 2 (*Evodinus*)

MUST BE:

genus *Brachyta* Fairmaire, 1864a: 185 type species *Leptura interrogationis* Linnaeus, 1758

...

variabilis aberrans Villiers, 1960a: 6 (*Evodinus*) A: FE NE NC
variabilis phlaesa Z. Wang, 2003: 127, 398 (*Evodinus*) A: HEI
variabilis scapularis Mannerheim, 1849: 245 (*Pachyta*) A: ES MG
NE NMO

cincta Villiers, 1960a: 6 (*Evodinus*)
comosa Solsky, 1871a: 400 (*Pachyta*)
discobilineata Pic, 1928c: 2
heyrovskiyi Pic, 1926d: 10
instriolata Pic, 1912c: 2 (*Evodinus*)
intermedia Pic, 1916b: 3 (*Evodinus*)
multisignata Pic, 1915a: 41 (*Evodinus*)
mutabilis Motschulsky, 1859a: 571 (*Pachyta*) [1859a: 233 (*Pachyta*)]
obscuripennis Pic, 1900c: 6 (*Evodinus*)
pici Villiers, 1960a: 6 (*Evodinus*)
preapicalis Pic, 1902c: 8
prescutellaris Pic, 1902c: 8
reductesignatus Pic, 1915a: 41 (*Evodinus*)

M.L. Danilevsky

semifulva Pic, 1900s: 82
sinuatolineatus Pic, 1915a: 41 (*Evodinus*)
sinuatosignata Pic, 1915e: 4 (*Evodinus*)
solskyi Kraatz, 1879c: 71 (*Pachyta*)
subfasciata Pic, 1926d: 10
subjuncta Pic, 1926d: 10
sublineata Pic, 1916b: 3 (*Evodinus*)

testaceimembris Pic, 1916b: 2 (*Evodinus*) A: FE

rufimembris Pic, 1926d: 13

NOTE:

Evodinus variabilis var. *cinctum* Villiers, 1960a (“Baikal”), *E. v.* var. *pici* Villiers, 1960a (“Sibérie”) and *E. v.* var. *aberrans* Villiers, 1960a (“Ussuri”) are available. The species is represented by a local subspecies in Primorsky Region of Russia - *Brachyta variabilis aberrans* (Villiers, 1960a), which is also distributed in neighboring areas of China and Korea (Danilevsky, 2013c).

Populations from southern Khabarovsk region were accepted (Danilevsky, 2013c) as *B. variabilis testaceimembris* (Pic, 1916) [= *rufimembris* Pic, 1926] (see holotype in “Gallery” - www.cerambycidae.net).

23. page 121

PRINTED:

genus *Capnolymma* Pascoe, 1858: 265 type species *Capnolymma stygia* Pascoe, 1858

brunnea Gressitt & Rondon, 1970: 33 A: YUN **ORR**

MUST BE:

genus *Capnolymma* Pascoe, 1858: 265 type species *Capnolymma stygia* Pascoe, 1858

brunnea Gressitt & Rondon, 1970: 33 A: YUN **ORR**

laotica Gressitt & Rondon, 1970: 33 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

24. page 132

MISSING NAME:

Rhagium mordax ssp. *altajense* Podaný, 1964a: 15 – synonym of *Rhagium mordax* (DeGeer, 1775)

M.L. Danilevsky

25. page 132

PRINTED:

sycophanta Schrank, 1781a: 137 (*Cerambyx*) E: AL AU BE BH BU
BY CR CT CZ DE FI FR GB GE GR HU IR IT LA LT MC MD NL
PL PT RO SK SL SP ST SV SZ TR UK YU A: WS

grandiceps C. G. Thomson, 1866: 50

scrutator Olivier, 1795: 10 (*Stenocorus*)

MUST BE:

sycophanta Schrank, 1781a: 137 (*Cerambyx*) E: AL AU BE BH BU
BY CR CT CZ DE FI FR GB GE GR HU IR IT LA LT MC MD NL
PL PT RO SK SL SP ST SV SZ TR UK YU A: WS

cephalotes Mulsant, 1839: 224

grandiceps C. G. Thomson, 1866: 50

scrutator Olivier, 1795: 10 (*Stenocorus*)

NOTE:

The name was introduced as *Rhagium mordax* var. *cephalotes* Mulsant, 1839, but it was attributed to *Rh.sycophanta* by Pic, (1908c: 10) and by Aurivillius (1912: 163).

26. page 137

PRINTED:

nitidus Fairmaire, 1864a: 340 (*Cyamophthalmus*)

MUST BE:

nitidus Fairmaire, 1864b: 340 (*Cyamophthalmus*)

27. page 144

PRINTED:

longispinnis Gardner, 1939: 9 (*Aglaophis*) A: SD

MUST BE:

longispinis Gardner, 1939: 9 (*Aglaophis*) A: SD

NOTE:

According to Löbl & Smetana (2013) “correct spelling of *Anaglyptus longispinnis* Gardner, 1939 to *longispinis*”.

28. page 145

PRINTED:

tribe Brachypteromini Sama, 2008

M.L. Danilevsky

MUST BE:

tribe Brachypteromatini Sama, 2008

NOTE:

According to Bouchard et al. (2011: 467) the correct spelling is Brachypteromatini.

29. page 147

PRINTED:

rosara P. H. Lucas, 1849: 488

MUST BE:

rosara P. H. Lucas, 1847: pl. 41

NOTE:

See: Löbl & Smetana (2013)

30. page 147

PRINTED:

binotatum Brongniart, 1892: 245 (*Leontium*) A: "India"

MUST BE:

binotatum Brongniart, 1892: 245 (*Leontium*) A: YUN ORR

NOTE:

See: Weigel et al. (2013).

31. page 148

PRINTED:

viride J. Thomson, 1864: 175 A: FE HUB JA NC SC SCH TAI

...

laotium Gressitt & Rondon, 1970: 169 A: HAI **ORR**

MUST BE:

viride J. Thomson, 1864: 175 A: FE HUB JA NC SC SCH TAI
YUN

...

laotium Gressitt & Rondon, 1970: 169 A: HAI YUN **ORR**

NOTE:

See: Weigel et al. (2013).

32. page 150

PRINTED:

provostij Fairmaire, 1887d: liv (*Callichroma*) A: BEI HEN HUB NE

M.L. Danilevsky

SC SHN

MUST BE:

provostii Fairmaire, 1887d: liv (*Callichroma*) A: BEI HEN HUB
NE SC SHN YUN

NOTE:

See: Weigel et al. (2013).

33. page 152

PRINTED:

levaillantii P. H. Lucas, 1849: 485 E: FR PT SP N: AG MO

MUST BE:

levaillantii P. H. Lucas, 1847: pl. 41 (*Cerambyx*) E: FR PT SP N:
AG MO

NOTE:

The data on original description were published by Löbl &
Smetana (2013).

34. page 153

MISSING NAME:

Poecilium alni var. *notaticollis* Pic, 1945b: 6

35. page 157

PRINTED:

hirta Fairmaire, 1850: 60 (*Stromatidium*) A: TAI ZHE **ORR**

MUST BE:

hirta Fairmaire, 1850: 60 (*Stromatidium*) A: TAI YUN ZHE **ORR**

NOTE:

See: Weigel et al. (2013).

36. page 159

PRINTED:

welensii Küster, 1845a: 44 (*Hammaticherus*) E: AL AB BH BU CR
FR GG GR HU IT PT RO SK SL SP UK YU A: CY IN IS JO LE
SY TR

centurio Czwalina, 1891: 99

velutinus Brullé, 1832: 252 [HN]

MUST BE:

welensii centurio Czwalina, 1891: 99 A: IS JO LE SY

M.L. Danilevsky

welensii welensii Küster, 1845a: 44 (*Hammaticherus*) E: AL AB BH
BU CR FR GG GR HU IT PT RO SK SL SP **TR** UK YU A: CY IN
TR

velutinus Brullé, 1832: 252 [HN]

NOTE:

Cerambyx welensii centurio Czwalina, 1891 was accepted
for Syria by Villiers (1978: 305).

37. page 160

PRINTED:

aureofulvenscens Gressitt & Rondon, 1970: 80 A: JIX **ORR**

MUST BE:

aureofulvenscens Gressitt & Rondon, 1970: 80 A: JIX YUN **ORR**

NOTE:

See: Weigel et al. (2013).

38. page 161

PRINTED:

genus *Massicus* Pascoe, 1867a: 319 [RN] type species *Cerambyx*
pascoei J. Thomson, 1857

Conothorax J. Thomson, 1864: 230 [HN] type species *Cerambyx pascoei*
J. Thomson, 1857

Falsomassicus Pic, 1946a: 7 type species *Falsomassicus theresae* Pic,
1946

dierli Heyrovský, 1976: 181 A: NP

fasciatus Matsushita, 1933b: 243 (*Mallambyx*) A: FUJ HUN TAI

taiwanensis Hayashi, 1992: 138 A: TAI

theresae Pic, 1946a: 7 (*Falsomassicus*) A: CH

trilineatus Pic, 1933a: 12 (*Dymasius*) A: AP FUJ HAI JIX TAI

YUN ORR

MUST BE:

genus *Massicus* Pascoe, 1867a: 319 [RN] type species *Cerambyx*
pascoei J. Thomson, 1857

Conothorax J. Thomson, 1864: 230 [HN] type species *Cerambyx pascoei*
J. Thomson, 1857

Falsomassicus Pic, 1946a: 7 type species *Falsomassicus theresae* Pic,
1946

dierli Heyrovský, 1976: 181 A: NP

taiwanensis Hayashi, 1992: 138 A: TAI

M.L. Danilevsky

theresae Pic, 1946a: 7 (*Falsomassicus*) A: CH
trilineatus fasciatus Matsushita, 1933b: 243 (*Mallambyx*) A: TAI
trilineatus trilineatus Pic, 1933a: 12 (*Dymasius*) A: AP FUJ HAI
JIX YUN **ORR**

NOTE:

Massicus trilineatus fasciatus (Matsushita, 1933b) was proposed by Gressitt & Rondon (1970: 59) for Taiwan and accepted by Nakamura et al. (1992: 23).

39. page 162

PRINTED:

arabicus Villiers, 1968: 848 (*Microderolus*) A: SA YE

MUST BE:

arabicus Villiers, 1968: 848 (*Microderolus*) A: OM SA YE

NOTE:

According to R.Ambrus (personal message, 2013) *Xenoderolus arabicus* was collected in Oman: 4 adults reared ex larva from dead branches of *Acacia* sp., W. Grosser leg. et coll., K. Adlbauer det.; Oman, Dhofar, Jabal Samhan, 15 km NW Jufa, 17°11'10.14"N 54°56'34.26"E, 27. 9. 2011.

40. page 163

NEW RECORD:

genus *Diorthus* Gahan, 1891a: 27 type species *Hammaticherus simplex* A. White, 1853 (= *Cerambyx cinereus* Fabricius, 1792)

subgenus *Lamellocerambyx* Pic, 1923e: 8 type species *Lamellocerambyx laosensis* Pic, 1923e
laosensis Pic, 1923e: 8 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

According to Özdikmen & Turgut (2009: 302) “*Diorthus* Gahan, 1891 is a synonym of *Tapinolachnus* Thomson, 1864.”

41. page 163

PRINTED:

ornatus Holzschuh, 1981: 102 A: NP SD

MUST BE:

ornatus Holzschuh, 1981: 102 A: NP SD YUN

NOTE:

See: Weigel et al. (2013).

42. page 164

NEW RECORD:

Dere punctifrons Holzschuh, 1991b: 63 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

43. page 165

PRINTED:

annulatus Hope, 1831: 28 (Clytus) A: NP SD

MUST BE:

annulatus Hope, 1831: 28 (*Clytus*) A: NP SD YUN **ORR**

NOTE:

See: Weigel et al. (2013).

44. page 166

MISSING NAME:

Chlorophorus brevenotatus Pic, 1922c: 13 A: GUA **ORR** was
recorded for Guandong by Hua et al. (2009: 295)

45. pages 166, 167

PRINTED [p. 166]:

kanekoi Matsushita, 1941: 134

[as a synonym of *Chlorophorus diadema diadema*]

and [p. 167]

kanekoi Matsushita, 1941: 154 A: TAI

[as valid name]

NOTE:

Second case is correct.

46. page 167

PRINTED:

hederatus Heller, 1926: 25 A: GUX **ORR**

..

insidiosus Holzschuh, 1986a: 124 A: NP SD

M.L. Danilevsky

MUST BE:

hederatus Heller, 1926: 25 A: GUX YUN **ORR**

..

insidiosus Holzschuh, 1986a: 124 A: NP SD YUN

NOTE:

See: Weigel et al. (2013).

47. page 169

PRINTED:

sexguttatus P. H. Lucas, 1849: 493 (*Clytus*) A: AG LB MO TU

MUST BE:

sexguttatus P. H. Lucas, 1847: pl. 42 (*Clytus*) A: AG LB MO TU

NOTE:

According to Löbl & Smetana (2013) „correct data for *Chlorophorus sexguttatus* (P. H. Lucas) to 1847: pl. 42“.

48. page 169

NEW RECORD:

Chlorophorus siegriedae Holzschuh, 1993a: 36 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

49. page 170

PRINTED:

genus *Clytosaurus* J. Thomson, 1864: 190 type species *Clytosaurus priapus* J. Thomson, 1864

siamensis Jordan, 1894b: 497 A: HAI **ORR**

signaticollis Pic, 1922a: 8 (*Xylotrechus*)

MUST BE:

genus *Clytosaurus* J. Thomson, 1864: 190 type species *Clytosaurus priapus* J. Thomson, 1864

siamensis Jordan, 1894b: 497 A: HAI YUN **ORR**

signaticollis Pic, 1922a: 8 (*Xylotrechus*)

NOTE:

See: Weigel et al. (2013).

M.L. Danilevsky

50. page 172

NEW RECORDS:

Demonax alcanor Gressitt & Rondon, 1970: 270 A: GUX HAI

YUN ORR

annamensis Pic, 1943a: 2 [RN] A: YUN **ORR**

diversefasciatus Pic, 1937b: 8 [HN]

elongatus Gressitt & Rondon, 1970: 263 A: YUN **ORR**

languidus Holzschuh, 1992: 37 A: YUN **ORR**

levipes Holzschuh, 1991c: 51 A: YUN **ORR**

pumilio Holzschuh, 1991c: 48 A: YUN **ORR**

reticollis Gahan, 1894a: 28 A: YUN **ORR**

tenuiculus Holzschuh, 1991b: 52 A: YUN **ORR**

testaceoannulatus Pic, 1935a: 15 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

51. page 173

PRINTED:

literatus nansenensis Pic, 1903b: 21 A: YUN **ORR**

MUST BE:

nansenensis Pic, 1903b: 21 A: YUN **ORR**

lineaticollis Schwarzer, 1931: 64.

NOTE:

See: Weigel et al. (2013).

52. page 173

PRINTED:

nousophi Gressitt & Rondon, 1970: 270 A: YUN **ORR**

MUST BE:

salvazai Pic, 1923b: 10 A: YUN **ORR**

nousophi Gressitt & Rondon, 1970: 270

NOTE:

See: Weigel et al. (2013).

53. page 174

NEW RECORD:

Demonax testaceoannulatus Pic, 1935: 15 A: YUN **ORR**

M.L. Danilevsky

NOTE:

See: Weigel et al. (2013).

54. page 176

NEW RECORD:

Perissus persimilis Gahan, 1894: 23 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

55. page 178

NEW RECORDS:

Rhaphuma aequalis Holzschuh, 1991b: 49 A: YUN **ORR**

bicolorifemoralis Gressitt & Rondon, 1970: 249 A: HAI YUN

ORR

desatii Gardner, 1940: 220 A: YUN **ORR**

diana Gahan, 1906a: 271 A: GUX YUN **ORR**

elongata Gressitt, 1940c: 184 A: HAI HEN HUB HUN SCH SHA

SHX YUN ZHE

luteopubens Pic, 1937a: 13 A: YUN **ORR**

quercus Gardner, 1940: 222 A: YUN **ORR**

steinkae Holzschuh, 1991a: 16 A: YUN **ORR**

tenerrima Holzschuh, 1991a: 13 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

56. page 178

PRINTED:

binhensis maculicollis Gressitt & Rondon, 1970: 237 A: GUX HAI

ORR

MUST BE:

maculicollis Gressitt & Rondon, 1970: 237 A: GUX HAI YUN

ORR

NOTE:

See: Weigel et al. (2013).

57. page 180

PRINTED:

genus *Sphegoclytus* Sama, 2005c: 69 type species *Clytus stepanovi*

M.L. Danilevsky

Danilevsky & Miroshnikov, 1985

stepanovi Danilevsky & Miroshnikov, 1985: 272 (*Clytus*) E: GG ST

MUST BE:

(in *Clytus*)

subgenus *Sphegoclytus* Sama, 2005c: 69 type species *Clytus stepanovi* Danilevsky & Miroshnikov, 1985

stepanovi Danilevsky & Miroshnikov, 1985: 272 E: GG ST

vesparum Reitter, 1889f: 375 E: AB A: IN

58. page 181

NEW RECORDS:

Xylotrechus bilyi Holzschuh, 2003a: 199 A: YUN **ORR**

vinnulus Holzschuh, 1993a: 35 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

59. page 182

PRINTED:

*dao*i Gressitt & Rondon, 1970: 206 A: GUX **ORR**

MUST BE:

*dao*i Gressitt & Rondon, 1970: 206 A: GUX YUN **ORR**

NOTE:

See: Weigel et al. (2013).

60. page 185

PRINTED:

barbatum Fabricius, 1775: 189 (*Callidium*) A: BT NP PA YE **AFR**

MUST BE:

barbatum Fabricius, 1775: 189 (*Callidium*) A: BT NP OM PA YE **AFR**

NOTE:

According to R.Ambrus (personal message, 2013) *Stromatium barbatum* was collected in Oman: 2 adults reared ex larva from dead branches of *Ficus* sp., R. Ambrus and W. Grosser leg. et coll., K. Adlbauer det.; Oman, Dhofar, Jabal al Qamar, 10 km W Dhalqut, 16°42'9.90"N 53°11'40.56"E, 20. 9. 2011.

61. page 190

PRINTED:

shimai Hayashi & Makihara, 1981: 191 A: NP

MUST BE:

aureomaculatus Gressitt & Rondon, 1970: 109 A: NP YUN **ORR**

shimai Hayashi & Makihara, 1981: 191 (*Glaphyra*)

NOTE:

See: Weigel et al. (2013).

62. page 192

NEW RECORD:

Comusia bicoloricornis (Pic, 1927: 455) (*Chapaon*) A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

63. page 195

NEW RECORD:

Oemospila callidioides Gressitt & Rondon, 1970: 46 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

64. page 197

PRINTED:

dumerilii P. H. Lucas, 1849: 487

MUST BE:

dumerilii P. H. Lucas, 1847: pl. 41

NOTE:

According to Löbl & Smetana (2013) „, correct data for *dumerilii* P. H. Lucas [in synonymy with *Purpuricenus barbarus* P. H. Lucas, 1842] to 1847: pl. 41 “.

65. page 204

PRINTED:

genus *Merionoeda* Pascoe, 1858: 237 type species *Merionoeda puella* Pascoe, 1858

subgenus *Holangus* Pic, 1902l: 33 type species *Holangus flavonotatus* Pic, 1902

baoshana Chiang, 1963: 66 A: YUN **ORR**

M.L. Danilevsky

- aglaospadix* Gressitt & Rondon, 1970: 118
guerryi Pic, 1904c: 10 (*Holangus*) **A: YUN**
subgenus *Macromolorchus* Pic, 1922e: 28 type species
Macromolorchus curtipennis Pic, 1922
Hakata Mitono & Nishimura, 1936: 33 type species *Hakata hirsuta*
Mitono & Nishimura, 1936
eburata Holzschuh, 1989a: 162 **A: SD**
hirsuta Mitono & Nishimura, 1936: 34 (*Hakata*) **A: HUN JA TAI**
ZHE
klapperichi Tippmann, 1955: 100 (*Hakata*) **A: FUJ**
splendida Chiang, 1981: 79 **A: GUX ZHE**
subgenus *Merionoeda* Pascoe, 1858: 237 type species *Merionoeda*
puella Pascoe, 1858
fusca Gressitt & Rondon, 1970: 121 **A: YUN **ORR****
indica Hope, 1831: 28 (*Molorchus*) **A: NP SCH SD YUN **ORR****
nigrella Gressitt, 1942g: 79 **A: ANH YUN**
nigriceps A. White, 1855: 181 (*Heliomanes*) **A: NP XIX**
inapicalis Pic, 1922b: 23
phoebe Gardner, 1939: 3 **A: NP UP**
scutulata Holzschuh, 1989a: 163 **A: SD YUN**
uraiensis Kano, 1930: 43 **A: TAI**
subgenus *Ocytasia* Pascoe, 1869: 565 type species *Ocytasia*
fulvipennis Pascoe, 1869
caldwelli Gressitt, 1942a: 3 **A: FUJ GUX HUN**
catoxelytra Gressitt & Rondon, 1970: 119 **A: YUN **ORR****
formosana burkwalli Gressitt, 1940b: 54 **A: HAI**
formosana formosana Heller, 1924a: 32 **A: FUJ HAI TAI**
kurarensis Seki, 1934: 282
formosana iriomotensis K. Ohbayashi & N. Ohbayashi, 1965: 3 **A:**
JA (Ryukyus)
formosana okinawana K. Ohbayashi & N. Ohbayashi, 1965: 2 **A: JA**
(Ryukyus)
formosana rubriventris Hayashi, 1962a: 8 **A: JA**
formosana septentrionalis Tamu & Tsukamoto, 1952: 9 **A: FUJ JA**
tosawai Kobayashi, 1932: 1 **A: JA (Ogasawara) TAI**
MUST BE:
genus *Holangus* Pic, 1902i: 33 type species *Holangus flavonotatus*
Pic, 1902
guerryi Pic, 1904c: 10 (*Holangus*) **A: YUN**

...

genus *Merionoeda* Pascoe, 1858: 237 type species *Merionoeda puella* Pascoe, 1858

subgenus *Macromolorchus* Pic, 1922e: 28 type species *Macromolorchus curtipennis* Pic, 1922

Hakata Mitono & Nishimura, 1936: 33 type species *Hakata hirsuta* Mitono & Nishimura, 1936

baoshana Chiang, 1963: 66 A: YUN ORR

aglaospadix Gressitt & Rondon, 1970: 118

eburata eburata Holzschuh, 1989a: 162 A: SD YUN

hirsuta Mitono & Nishimura, 1936: 34 (*Hakata*) A: FUJ HUN JA TAI ZHE

klapperichi Tippmann, 1955: 100 (*Hakata*) A: FUJ

splendida Chiang, 1981: 79 A: GUX HAI

subgenus *Merionoeda* Pascoe, 1858: 237 type species *Merionoeda puella* Pascoe, 1858

fusca Gressitt & Rondon, 1970: 121 A: YUN **ORR**

indica Hope, 1831: 28 (*Molorchus*) A: NP SCH SD YUN **ORR**

jeanvoinei Pic, 1933a: 9 A: GUX HAI ORR

nigrella Gressitt, 1942g: 79 A: ANH YUN

nigriceps A. White, 1855: 181 (*Heliomanes*) A: NP XIZ YUN

inapicalis Pic, 1922b: 23

nigroapicalis Gressitt et Rondon, 1970: 120 A: YUN ORR

phoebe Gardner, 1939: 3 A: NP UP

scutulata Holzschuh, 1989a: 163 A: SD YUN

uraiensis Kano, 1930: 43 A: TAI

subgenus *Ocytasia* Pascoe, 1869: 565 type species *Ocytasia fulvipennis* Pascoe, 1869

caldwelli Gressitt, 1942a: 3 A: FUJ GUA GUX HUN YUN

catoxelytra Gressitt & Rondon, 1970: 119 A: YUN **ORR**

formosana burkwalli Gressitt, 1940b: 54 A: HAI

formosana formosana Heller, 1924a: 32 A: FUJ HAI TAI

kurarensis Seki, 1934: 282

formosana iriomotensis K. Ohbayashi & N. Ohbayashi, 1965: 3 A: JA (Ryukyus)

formosana okinawana K. Ohbayashi & N. Ohbayashi, 1965: 2 A: JA (Ryukyus)

formosana rubriventris Hayashi, 1962a: 8 A: JA

formosana septentrionalis Tamu & Tsukamoto, 1952: 9 A: FUJ JA

M.L. Danilevsky

tosawai Kobayashi, 1932: 1 A: JA (Ogasawara) TAI

NOTE:

According to Niisato & Lin (2013) “*Holangus* is an independent genus rather related to the genus *Callimoxys*.”; several new records were added.

66. page 205

PRINTED:

mauritanicus P. H. Lucas, 1849: 496 E: PT SP N: AG MO TU

MUST BE:

mauritanicus P. H. Lucas, 1847: pl. 42 E: PT SP N: AG MO TU

NOTE:

According to Löbl & Smetana (2013) „correct data for *Stenopterus mauretanicus* P. H. Lucas to 1847: pl. 42“. The name “*mauretanicus*” by Löbl & Smetana (2013) is wrong subsequent spelling (not available).

67. pages 208-209

PRINTED:(p. 209) [in *Leiopus*]:

guttatus Bates, 1873: 384 A: JA JIX SC

MUST BE (p. 208) [in *Acanthocinus*]:

guttatus Bates, 1873: 384 A: FE JA JIX SC

NOTE:

Acanthocinus guttatus (Bates, 1873) was recorded for Russia by K.Makarov
(<http://www.zin.ru/animalia/coleoptera/rus/acagutkm.htm>) on the base of two females from Kunashir.

68. page 211

NEW RECORD:

Rondibilis parolineaticollis Breuning, 1968a: 49 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

69. page 218

PRINTED:

lixoides P. H. Lucas, 1849: 499 (*Agapanthia*) N: AG TU

M.L. Danilevsky

MUST BE:

lixoides P. H. Lucas, 1847: pl. 42 (*Agapanthia*) N: AG TU

NOTE:

According to Löbl & Smetana (2013) „correct data for *Neoludwigia lixiodes* (P. H. Lucas) to 1847: pl. 42“.The name “*lixiodes*” by Löbl & Smetana (2013) is wrong subsequent spelling (not available).

70. page 219

NEW RECORD:

Phelipara marmorata Pascoe, 1866: 322 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

71. page 220

PRINTED:

tonkineusa Pic, 1919c: 11 (*Dorcasta*)

MUST BE:

tonkineus Pic, 1919c: 11 (*Dorcasta*)

72. page 221

PRINTED:

Apalimna Bates, 1884: 241 type species *Apalimna palimnoides* Bates, 1884

MUST BE:

Apalimna Bates, 1884: 241 type species *Apalimna liturata* Bates, 1884

73. pages 214-216

PRINTED:

alexandris Pic, 1901r: 82 A: KI KZ

...

dahli C. F. W. Richter, 1820: pl. 12 (*Saperda*) E: AL AU BH BU BY CR CT CZ FR GE GR GG HU MC MD RO SK SL SL SP ST SZ UK YU A: CH ES MG KZ NC TD UZ WS

...

muellneri Reitter, 1898c: 133 A: KI ZU

...

M.L. Danilevsky

nitidipennis Holzschuh, 1984c: 371 E: GG ST

...

persica Semenov, 1893: 505 A: IN TM

transcaspica Pic, 1900g: 14

...

walteri Reitter, 1898c: 132 E: AB AR GG A: IN TR

erivanica Pic, 1900f: 14

theryi Pic, 1908b: 6

MUST BE:

dahli alexandris Pic, 1901r: 82 A: KI KZ

dahli dahli C. F. W. Richter, 1820: pl. 12 (*Saperda*) E: AL AU BE

BH BU BY CR CT CZ FR GE GR GG HU MC MD RO SK SL SL

SP ST SZ UK YU A: CH ES MG KZ TD UZ WS

dahli muellneri Reitter, 1898c: 133 A: KI ZU

dahli nitidipennis Holzschuh, 1984c: 371 E: GG ST

dahli persica Semenov, 1893: 505 A: IN

dahli transcaspica Pic, 1900g: 14 A: TM

dahli walteri Reitter, 1898c: 132 E: AB AR GG A: IN TR

erivanica Pic, 1900f: 14

theryi Pic, 1908b: 6

NOTE:

See: Lazarev (2013).

74. pages 223, 233

PRINTED:

genus *Falsostesilea* Breuning, 1940b: 168 type species *Stesilea*

perforata Pic, 1926

perforata Pic, 1926b: 9 (*Stesilea*) A: YUN **ORR**

and (p.233)

genus *Mimosybra* Breuning, 1939b: 278 type species *Atelais*

surigaonis Heller, 1924

melli Breuning, 1964a: 101 A: CH

MUST BE:

genus *Falsostesilea* Breuning, 1940b: 168 type species *Stesilea*

perforata Pic, 1926

perforata Pic, 1926b: 9 (*Stesilea*) A: YUN **ORR**

melli Breuning, 1964a: 101

NOTE:

See: Weigel et al. (2013).

75. page 226

PRINTED:

maculata Bates, 1877: 38 A: JA

MUST BE:

maculata Bates, 1877: 38 A: FE JA

NOTE:

Rhopaloscelis maculata Bates, 1877 was recorded for Russia by K. Makarov (<http://www.zin.ru/animalia/coleoptera/rus/rhomackm.htm>) on the base of one specimen from Kunashir.

76. page 227

PRINTED:

genus *Sybrinus* Gahan, 1900a: 12 type species *Sybrinus commixtus* Gahan, 1900

Arabosybrinus Breuning, 1948b: 16 type species *Sybrinus albosignatus* Breuning, 1848

Sokotrosybrinus Breuning, 1949b: 21 type species *Sybrinus simonyi* Gahan, 1903

Sophroniella Breuning, 1943a: 51 type species *Sophroniella pusilla* Breuning, 1943

albosignatus Breuning, 1948b: 16 A: SA YE

commixtus Gahan, 1900a: 12 A: YE (Suqutra)

gahani Aurivillius, 1922b: 299

flavescens Breuning, 1948b: 16 A: SA YE

kabateki Téocchi, Jiroux & Sudre, 2007: 23 A: YE (Suqutra)

simonyi Gahan, 1903: 287 A: YE (Suqutra)

sokotrensis Téocchi, Jiroux & Sudre, 2004: 22 (*Arasbosybrinus*) A: YE (Suqutra)

x-ornatus Téocchi, Jiroux & Sudre, 2007: 23 A: YE (Suqutra)

MUST BE:

genus *Sybrinus* Gahan, 1900a: 12 type species *Sybrinus commixtus* Gahan, 1900

Arabosybrinus Breuning, 1948b: 16 type species *Sybrinus albosignatus* Breuning, 1848

Sokotrosybrinus Breuning, 1949b: 21 type species *Sybrinus simonyi* Gahan, 1903

albosignatus Breuning, 1948b: 16 A: SA YE

commixtus Gahan, 1900a: 12 A: YE (Suqutra)

gahani Aurivillius, 1922b: 299

flavescens Breuning, 1948b: 16 A: SA YE

M.L. Danilevsky

kabateki Téocchi, Jiroux & Sudre, 2007: 23 A: YE (Suqutra)
simonyi Gahan, 1903: 287 A: YE (Suqutra)
sokotrensis Téocchi, Jiroux & Sudre, 2004: 22
x-ornatus Téocchi, Jiroux & Sudre, 2007: 23 A: YE (Suqutra)
kabateki Téocchi, Jiroux & Sudre, 2007: 23

NOTE:

According to the original description *Sybrinus* (*Arabosybrinus*) *albosignatus sokotrensis* Jiroux, Sudre & Téocchi, 2004: 22. See: Hájek & Kabátek (2012).

The reference to the original description absent in the Catalogue, neither to Téocchi, Jiroux & Sudre (2004).

77. pages 228, 232

PRINTED:

genus *Zotalemimon* Pic, 1925a: 29 type species *Zotalemimon apicale* Pic, 1925 (= *Sybra posticata* Gahan, 1894)

Diboma J. Thomson, 1864: 46 [HN] type species *Diboma tranquilla* J. Thomson, 1864 (= *Hathlia procera* Pascoe, 1859)

Donysia Gressitt, 1940b: 179 type species *Sydonia costata* Matsushita, 1933

Sybrocentrura Breuning, 1947a: 57 type species *Sybrocentrura obscura* Breuning, 1947 (= *Sydonia ropicooides* Gressitt, 1939)

bhutanum Breuning, 1975a: 38 (*Diboma*) A: BT

and (p. 232)

genus *Hyagnis* Pascoe, 1864c: 280 type species *Hyagnis fistularius* Pascoe, 1864

apicatus Holzschuh, 1984c: 369 A: UP

bhutanensis Breuning, 1975d: 350 A: BT NP

MUST BE:

genus *Zotalemimon* Pic, 1925a: 29 type species *Zotalemimon apicale* Pic, 1925 (= *Sybra posticata* Gahan, 1894)

Diboma J. Thomson, 1864: 46 [HN] type species *Diboma tranquilla* J. Thomson, 1864 (= *Hathlia procera* Pascoe, 1859)

Donysia Gressitt, 1940b: 179 type species *Sydonia costata* Matsushita, 1933

Sybrocentrura Breuning, 1947a: 57 type species *Sybrocentrura obscura* Breuning, 1947 (= *Sydonia ropicooides* Gressitt, 1939)

bhutanensis Breuning, 1975d: 350 (*Diboma*) A: BT NP

bhutanum Breuning, 1975a: 38 (*Diboma*)

and (p. 232)

M.L. Danilevsky

genus *Hyagnis* Pascoe, 1864c: 280 type species *Hyagnis fistularius* Pascoe, 1864

apicatus Holzschuh, 1984c: 369 A: UP

NOTE:

According to Löbl & Smetana (2013: 41) *Zotalemimon bhutanensis* (Breuning, 1975d: 350) must be accepted instead of *Hyagnis bhutanensis* Breuning, 1975d.

As it was noticed by G.Tavakilian (personal message, 2013) *Diboma bhutanensis* Breuning, 1975d and *Diboma bhutana* Breuning, 1975 were based on one holotype.

78. page 228

PRINTED:

ciliatum Gressitt, 1942h: 212 (*Donysia*) A: FUJ GUA HAI HKG

MUST BE:

ciliatum Gressitt, 1942h: 212 (*Donysia*) A: FUJ GUA HAI HKG
YUN

NOTE:

See: Weigel et al. (2013).

79. page 228

PRINTED:

luteomaculata Pic, 1925a: 29 (*Anapomecyna*)

MUST BE:

luteomaculata Pic, 1925a: 29 (*Anapomecyna*) A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

80. pages 230, 315

PRINTED:

genus *Athyilia* Pascoe, 1864a: 27 type species *Athyilia avara* Pascoe, 1864

Enispia Pascoe, 1864a: 28 type species *Enispia venosa* Pascoe, 1864

Sodomorphon Pic, 1926c: 14 type species *Sodomorphon bellum* Pic, 1926

(= *Athyilia nobilis* Breuning, 1960)

horishensis Seki, 1946: 10 (*Enispia*) A: TAI

quadrastigma Gressitt, 1940b: 156 (*Enispia*) A: HAI

tholana Gressitt, 1940b: 157 (*Enispia*) A: HAI

and (p. 315)

M.L. Danilevsky

subgenus *Mispila* Pascoe, 1864a: 58 type species *Mispila venosa* Pascoe, 1864

Diatylus Lacordaire, 1872: 552 type species *Diatylus zonarius* Lacordaire, 1872 (= *Mispila curvilinea* Pascoe, 1869)

curvilinea Pascoe, 1869: 206 **A: GUX YUN ORR**

multilineatus Pic, 1925a: 24 (*Alidus*)

zonaria Lacordaire, 1872: 365

MUST BE:

genus *Athylia* Pascoe, 1864a: 27 type species *Athylia avara* Pascoe, 1864

Enispia Pascoe, 1864a: 28 type species *Enispia venosa* Pascoe, 1864

Sodomorphon Pic, 1926c: 14 type species *Sodomorphon bellum* Pic, 1926 (= *Athylia nobilis* Breuning, 1960)

horishensis Seki, 1946: 10 (*Enispia*) **A: TAI**

quadristigma Gressitt, 1940b: 156 (*Enispia*) **A: HAI**

and (p. 315)

subgenus *Mispila* Pascoe, 1864a: 58 type species *Mispila venosa* Pascoe, 1864

Diatylus Lacordaire, 1872: 552 type species *Diatylus zonarius* Lacordaire, 1872 (= *Mispila curvilinea* Pascoe, 1869)

curvilinea Pascoe, 1869: 206 **A: GUX YUN ORR**

multilineatus Pic, 1925a: 24 (*Alidus*)

zonaria Lacordaire, 1872: 365

tholana Gressitt, 1940b: 157 (*Enispia*) **A: HAI YUN**

NOTE:

See: Weigel et al. (2013).

81. page 233

NEW RECORD:

Mycerinopsis (Zotale) subunicolor Breuning, 1968a: 14 **A: YUN**

ORR

NOTE:

See: Weigel et al. (2013).

82. page 241

PRINTED:

tribe Astathini Pascoe, 1864

MUST BE:

tribe Astathini Thomson, 1864

NOTE:

See: Bouchard et al. (2011: 489). A wrong spelling was used by Löbl & Smetana (2013: 41): “Astatini”.

83. page 241

PRINTED:

tribe Dorcadionini Swainson & Shuckard, 1840

MUST BE:

tribe Dorcadionini Swainson, 1840

NOTE:

See: Bouchard et al. (2011: 493)

84. page 248

NOTE:

“*Dorcadion investitum* Breun.“ was recorded for “Anat. or. Tahir geç. b. Horasan, 2100m, VI.75” by Braun (1978a: 111). The species seems to be never described (nomen nudum).

85. page 265

NEW RECORD:

genus *Gyaritus* Pascoe, 1858: 244 type species *Gyaritus hamatus* Pascoe, 1858

Zeargyra Pascoe, 1886: 245 type species *Zeargyra vidua* Pascoe, 1886

Mimoenispia Pic, 1936a: 18 type species *Mimoenispia quadridentata* Pic, 1936a

auratus Breuning, 1963: 19 **A: YUN ORR**

NOTE:

See: Weigel et al. (2013).

86. pages 267, 281, 283

PRINTED (p. 267):

genus *Eupromus* Pascoe, 1868: 12 type species *Callimation sieboldi* Guérin-Méneville, 1844 (= *Lamia rubra* Dalman, 1817) and (p. 281)

Anthores Pascoe, 1868: 13 type species *Anthores leuconotus* Pascoe, 1868 and (p. 283)

subgenus *Opepharus* Pascoe, 1868: 13 type species *Opepharus signator* Pascoe, 1868 (= *Monochamus tridentatus* Chevrolat, 1833)

M.L. Danilevsky

MUST BE (p. 267):

genus *Eupromus* Pascoe, **1868: xii** type species *Callimation sieboldi* Guérin-Méneville, 1844 (= *Lamia rubra* Dalman, 1817) and (p. 281)

Anthores Pascoe, **1868: xiii** type species *Anthores leuconotus* Pascoe, 1868 and (p. 283)

subgenus *Opepharus* Pascoe, **1868: xiii** type species *Opepharus signator* Pascoe, 1868 (= *Monochamus tridentatus* Chevrolat, 1833)

NOTES:

The reference to Pascoe (1868) absent in the Catalogue.

Opepharus Pascoe, 1868 is better to be regarded as a genus (Hayashi, 1962), as well as *Anthores* Pascoe, 1868 (<http://lully.snv.jussieu.fr/titan/index.html>).

87. page 269

PRINTED:

malasiaca J. Thomson, 1864: 62 A: HAI NP SD **ORR**

...

bifasciana A. White, 1858a: 273 A: JIX NP SD **ORR**

MUST BE:

malasiaca J. Thomson, 1864: 62 A: HAI NP SD YUN **ORR**

...

bifasciana A. White, 1858a: 273 A: JIX NP SD YUN **ORR**

NOTE:

See: Weigel et al. (2013).

88. page 269

PRINTED:

subgenus *Pseudagelasta* Breuning, 1939c: 487 type species *Agelasta bifasciana* A. White, 1858

bifasciana A. White, 1858a: 273 A: JIX NP SD **ORR**

bisinuata Pic, 1937b: 4 (*Mesosa*)

savioi Pic, 1937b: 4 (*Mesosa*)

fallaciosa Breuning, 1938c: 208 A: SD

MUST BE:

subgenus *Pseudagelasta* Breuning, 1939c: 487 type species *Agelasta bifasciana* A. White, 1858

bifasciana A. White, 1858a: 273 A: JIX NP SD **ORR**

M.L. Danilevsky

bisinuata Pic, 1937b: 4 (*Mesosa*)

savioi Pic, 1937b: 4 (*Mesosa*)

birmanica Breuning, 1935e: 273 (*Paragelasta*) A: YUN ORR

fallaciosa Breuning, 1938c: 208 A: SD

NOTE:

See: Weigel et al. (2013).

89. page 271

PRINTED:

gardneri Breuning, 1938c: 197 A: NP SD UP

annamensis Breuning, 1939c: 516 (*Mesosa*)

MUST BE:

gardneri Breuning, 1938c: 197 A: NP SD UP YUN

affinis Breuning, 1938c: 198

annamensis Breuning, 1939c: 516 (*Mesosa*)

NOTE:

See: Weigel et al. (2013).

90. page 271

PRINTED:

grisella A. White, 1858b: 401 (*Cacia*) A: HKG

MUST BE:

grisella A. White, 1858b: 401 (*Cacia*) A: HKG TAI

NOTE:

See: Holzschuh (2013)

91. page 271

NEW RECORD:

genus *Golsinda* Thomson, 1861: 343 type species *Golsinda carolina* Thomson, 1861

basicornis Gahan, 1894a: 48 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

92. page 272

PRINTED:

rupta Pascoe, 1862a: 335 (*Agelasta*) A: GUA GUX **ORR**

MUST BE:

rupta Pascoe, 1862a: 335 (*Agelasta*) A: GUA GUX YUN **ORR**

NOTE:

See: Weigel et al. (2013).

93. **page 272**

PRINTED:

senilis Bates, 1884: 245 A: FE JA

nigrohumeralis Breuning, 1938c: 203

NOTE:

According to Kusama & Takakuwa (1984) and Makihara (2007) *Mesosa nigrohumeralis* Breuning, 1938c is a synonym of *M. (Perimesosa) hirsuta hirsuta* Bates, 1984.

94. **page 272**

PRINTED:

curculionoides Linnaeus, 1760: 193 (*Cerambyx*) E: AB AL AR AU
BH BU BY CR CT CZ FR GE GG GR HU IT LT MC MD NR PL
PT RO SK SL SP ST SV SZ TR UK YU A: IN KZ NE NO NW TR

bioculata Nicolas, 1902: 28 (*Haplocnemia*)

curculioides Scopoli, 1772: 101

nigronotata Pic, 1906h: 86 (*Haplocnemia*)

oculata Geoffroy, 1785: 78 (*Leptura*)

tokatensis Pic, 1904a: 6 (*Haplocnemia*)

MUST BE:

curculionoides Linnaeus, 1760: 193 (*Cerambyx*) E: AB AL AR AU
BH BU BY CR CT CZ FR GE GG GR HU IT LT MC MD NR PL
PT RO SK SL SP ST SV SZ TR UK YU A: IN TR

nigronotata Pic, 1906h: 86 (*Haplocnemia*)

oculata Geoffroy, 1785: 78 (*Leptura*) [HN]

tokatensis Pic, 1904a: 6 (*Haplocnemia*)

NOTE:

Haplocnema (Mesosa) curculionoïdes var. *biloculata*

Nicolas, 1902 was described as a part of a series of typical form, so the new name was unavailable.

Correct reference:

Nicolas M. A. 1902: *Haplocnema (Mesosa) curculionoïdes* L. v. *biloculata* v. n. *L'Échange, Revue Linéenne* 18 [erroneously given as vol. 17]: 28.

M.L. Danilevsky

95. page 276

NEW RECORD:

Annamanum humerale (Pic, 1934a: 35) (*Uraecha*) A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

96. page 278

PRINTED:

degener degener Bates, 1873: 310 (*Monohammus*) A: FE FUJ GAN
GUA GUI GUX HEI HUB HUN JA JIA JIL JIX NMO SC SCH
SHA SHN TAI YUN ZHE "Korea"

MUST BE:

degener Bates, 1873: 310 (*Monohammus*) A: FE FUJ GAN GUA
GUI GUX HEI HUB HUN JA JIA JIL JIX NC NMO SC SCH SHA
SHN TAI YUN ZHE

97. page 278

MISSING NAME (on the base of Lingafelter & Hoebeke, 2002):

Anoplophora viriantennata W.-K. Wang & Jiang, 1998: 335 A:
SCH

NOTE:

The reference to W.-K. Wang & Jiang (1998) was missing in
the Catalogue.

98. pages 279, 284

PRINTED:

variegatus Gressitt, 1940b: 107 A: HAI

and (p. 284)

genus *Paramelanauster* Breuning, 1936: 294 type species

Paramelanauster bimaculatus Breuning, 1936

flavosparsus Breuning, 1936: 295 A: YUN **ORR**

sciamai Breuning, 1962b: 19 A: CH **ORR**

MUST BE:

variegatus Gressitt, 1940b: 107 A: HAI YUN **ORR**

sciamai Breuning, 1962b: 19 (*Paramelanauster*)

NOTE:

See: Weigel et al. (2013).

M.L. Danilevsky

99. page 282

PRINTED:

desperatus J. Thomson, 1857b: 295 (*Monochamus*) A: SD
fredericus A. White, 1858b: 408 (*Monochamus*)

MUST BE:

desperatus J. Thomson, 1857f: 295 A: SD
fredericus A. White, 1858b: 408 (*Monochammus*)

NOTE:

About all (approximately 30) references to J. Thomson's (1857a, 1857b, 1857c, 1857d, 1857e, 1857f, 1857g) publications in "*Archives Entomologiques ou recueil contenant des illustrations d'insectes nouveaux ou rares. Tome premier*" are mixed. The correct reference to each name could be easily fixed in accordance with corresponding pages (1857a: 45-67, 1857b: 109-127, 1857c: 139-147, 1857d: 151-152, 1857e: 169-193, 1857f: 291-320, 1857g: 341-344).

100. page 283

PRINTED:

sutor sutor Linnaeus, 1758: 392 (*Cerambyx*) E: AL AU BH BU BY
CR CT CZ DE EN FI FR GB GE GG GR HU IT LA LS LT NL
NR NT PL RO SK SL SP ST SV SZ UK YU A: KZ WS
atomarius DeGeer, 1775: 65 (*Cerambyx*)
fuscomaculatus Petri, 1912: 249
heinrothi Cederhjelm, 1798: 88 (*Lamia*)
obscurior Abeille de Perrin, 1869: 42 (*Monochammus*)
pellio Germar, 1818: 244 (*Lamia*)
rosenmuelleri Cederhjelm, 1798: 89 (*Lamia*) [DA]

MUST BE:

sutor sutor Linnaeus, 1758: 392 (*Cerambyx*) E: AL AU BH BU BY
CR CT CZ DE EN FI FR GB GE GG GR HU IT LA LS LT ME
NL NR NT PL RO SK SL SP ST SV SZ UK YU A: KZ WS
atomarius DeGeer, 1775: 65 (*Cerambyx*)
heinrothi Cederhjelm, 1798: 88 (*Lamia*)
obscurior Abeille de Perrin, 1869: 42 (*Monochammus*)
pellio Germar, 1818: 244 (*Lamia*)
rosenmuelleri Cederhjelm, 1798: 89 (*Lamia*) [DA]

NOTE:

Monachamus sutor var. *fuscomaculatus* Petri, 1912 and

M.L. Danilevsky

Monachamus sutor var. *hybrida* Petri, 1912 (missed in the Catalogue, but recorded as available synonym by Villiers, 1978: 463) both are unavailable, as both were originally recorded for one locality ("Bistra").

101.page 286

NEW RECORD:

Pseudomeges varioti Le Moul't, 1946: 136 A: HAI SCH YUN XIZ
ORR

NOTE:

See: Weigel et al. (2013).

102.page 288

PRINTED:

Uraecha punctata Gahan, 1888b: 63 A: FUJ GUA JIX YUN **ORR**

NOTE:

See: Weigel et al. (2013).

103.page 288

NEW RECORD:

Xenicotela distincta (Gahan, 1888d: 392) (*Monochamus*) A: NP
YUN **ORR**

NOTE:

See: Weigel et al. (2013).

104.page 291

PRINTED:

warnieri P. H. Lucas, 1849: 503 (*Phytoecia*) N: AG MO TU

MUST BE:

warnieri P. H. Lucas, 1847: pl. 43 (*Phytoecia*) N: AG MO TU

NOTE:

See: Löbl & Smetana (2013: 41)

105.page 291

PRINTED:

genus *Plectrura* Eschscholtz, 1845: 370 type species *Plectrura spinicauda* Mannerheim, 1852

MUST BE:

genus *Plectrura* Motschulsky, 1845b: 370 type species *Plectrura*

M.L. Danilevsky

spinicauda Motschulsky, 1845

NOTE:

The name published as “*Plectrura spinicauda* Eschsch.” by Motschulsky (1845b: 370) must be accepted as available (and valid) because at least one character was proposed. Motschulsky (1845b) knew “une forme semblable au derniere genre, mais qui n’a pas d’épines de chague côté du corselet”. Eschscholtz was not connected at all with that publication.

106.page 292

PRINTED:

annularis Holzschuh, 1984a: 160 (*Conizonia*) A: TR

MUST BE:

anularis Holzschuh, 1984a: 160 (*Conizonia*) A: TR

anulifera Löbl & Smetana, 2013: 41 [unjustified emendation]

NOTE:

The original spelling was “*anularis*”. The reason to change the name to “*C. anulifera* Holzschuh, 1984” (Löbl & Smetana, 2013: 41) is not clear.

107.page 292

PRINTED:

comes comes Bates, 1884: 259 A: FUJ GUA GUI GUX HEN HUN
JA JIX SC SCH ZHE **ORR**

MUST BE:

comes comes Bates, 1884: 259 A: FUJ GUA GUI GUX HEN HUN
JA JIX SC SCH YUN ZHE **ORR**

NOTE:

See: Weigel et al. (2013).

108.page 295

PRINTED:

ambigena Lameere, 1893a: 286

MUST BE:

ambigua Lameere, 1893a: 286 A: YUN **ORR**

NOTE:

See: Weigel et al., (2013).

109.page 295

PRINTED:

dubia Gahan, 1894a: 93

MUST BE:

dubia Gahan, 1894a: 93 **A:** AP FUJ GUX HAI NP SD TAI UP YUN

ORR

NOTES:

According to Holzschuh (1986b) *Nupserha dubia* Gahan, 1894 [“1984” – was his misprint] is valid and known from Nepal, India (Uttar Pradesh), Pakistan, Burma.

It was recorded from Yunnan and several other regions by Weigel et al. (2013), though with wrong date “1884”.

110.page 295

PRINTED:

minor Pic, 1939a: 17 **A:** FUJ **ORR**

MUST BE:

minor Pic, 1939a: 17 **A:** FUJ YUN **ORR**

NOTE:

See: Weigel et al. (2013).

111.page 297

PRINTED:

bootangensis Breuning, 1960b: 55 [= 1962f: 177] **A:** BT NP
and

bisbipunctulata Breuning, 1960b: 34 [= 1962f: 191] **A:** BT SD

MUST BE:

bootangensis Breuning, 1960b: 55 [= 1962f: 177] **A:** SD NP
and

bisbipunctulata Breuning, 1960b: 34 [= 1962f: 191] **A:** SD

NOTE:

See: Löbl & Smetana, 2013: 41

112.page 297

PRINTED:

coreensis Breuning, 1947c: 58 **A:** JA SC

M.L. Danilevsky

NOTE:

The name was originally introduced as *Oberea atropunctata* m. *corensis* Breuning, 1947c and so unavailable.

113.page 298

PRINTED:

fingeriventris W.-K. Wang, Y.-Z. Le & S.-N. Jian, 2002: 75 A:
YUN

MUST BE:

clara Pascoe, 1866b: 265 A: YUN **ORR**

armata Gahan, 1894a: 95

fingeriventris W.-K. Wang, Y.-Z. Le & S.-N. Jian, 2002: 75

NOTE:

See: Weigel et al. (2013).

The publication by Gahan (1894a) was dated by Weigel et al. (2013) and by Breuning (1962f) as 1895.

114.page 299

PRINTED:

lacana Pic, 1923a: 16 A: SD **ORR**

MUST BE:

lacana Pic, 1923a: 16 A: SD YUN **ORR**

NOTE:

See: Weigel et al. (2013).

115.page 299

NEW RECORD:

Oberea laosensis Breuning, 1963b: 52 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

116.page 300

PRINTED:

bootangensis Breuning, 1970f: 488 A: BT

MUST BE:

bootangensis Breuning, 1970f: 488 A: SD

NOTE:

See: Löbl & Smetana, 2013: 41

117.page 301

PRINTED:

flavescens Mulsant, 1843: 284 (*Phytoecia*)

flavicans Mulsant, 1862: 431 (*Opsilia*)

MUST BE:

flavescens Mulsant, 1843: 284 [HN]

flavicans Mulsant, 1851: 137 [RN]

NOTE:

So, the type species of *Opsilia* Mulsant, 1863 (designated by Sama, 2002 as *Opsilia flavicans* Mulsant, 1862) is *Phytoecia flavicans* Mulsant, 1851 (= *Leptura coerulescens* Scopoli, 1763).

118.page 301

PRINTED:

longipes Breuning, 1957d: 109 A: BT NP

luteicornis Breuning, 1957d: 105 A: BT NP "India"

and

nigriceps nigriceps Breuning, 1957d: 81 A: BT SD

MUST BE:

longipes Breuning, 1957d: 109 A: SD NP

luteicornis Breuning, 1957d: 105 A: SD NP "India"

and

nigriceps nigriceps Breuning, 1957d: 81 A: SD

NOTE:

See: Löbl & Smetana, 2013: 42

119.page 302

PRINTED:

rubricollis P. H. Lucas, 1849: 485 [in fact: 505]

MUST BE:

rubricollis P. H. Lucas, 1847: pl. 43

NOTE:

See: Löbl & Smetana (2013: 42)

120.page 306

PRINTED:

erythrocnema P. H. Lucas, 1849: 506 E: FR PT SP N: AG MO TU

MUST BE:

erythrocnema P. H. Lucas, 1847: pl. 43 E: FR PT SP N: AG MO TU

NOTE:

See: Löbl & Smetana (2013: 42)

121.page 307

PRINTED:

malachitica P. H. Lucas, 1849: 485 [in fact 507] E: IT PT SP N: AG MO TU

MUST BE:

malachitica P. H. Lucas, 1847: pl. 43 E: IT PT SP N: AG MO TU

NOTE:

See: Löbl & Smetana (2013: 42)

122.page 307

PRINTED:

pupillata Gyllenhal, 1817: 185 E: AU BE BH BY CR CT CZ EN FR GE GR HU IT LA LS LT MC MD NT PL RO SL SK

MUST BE:

pupillata Gyllenhal, 1817: 185 (*Saperda*) E: AU BE BH BY CR CT CZ EN FR GE GR HU IT LA LS LT MC MD NT PL RO SL SK

123.page 307

PRINTED:

pustulata murina Marseul, 1870: 384 E: AB AR A: IN

adnexa Pic, 1947a: 1

adulta Ganglbauer, 1884: 572

parvimacula Roubal, 1916b: 186

pilipennis Reitter, 1895c: 161

pustulata pulla Ganglbauer, 1886a: 130 E: ST A: KZ KI UZ

gibbicollis Reitter, 1893a: 114

intermedia Pic, 1895c: 65

kryzhanovskii Kostin, 1973: 230

vexans Reitter, 1895c: 162

pustulata pustulata Schrank, 1776: 66 (*Cerambyx*) E: AB AL AR

M.L. Danilevsky

AU BH BU BY CR CT CZ FR GE GG GR HU IT MC MD PL PT
RO SK SL SP SZ ST UK YU A: KI KZ TD TR UZ

brevenotata Pic, 1936c: 4

lineola Fabricius, 1781: 235 (*Saperda*)

macedonica Pic, 1929b: 9

obscuripes Pic, 1895c: 65

posegana Piller & Mitterpacher, 1783: 67 (*Cerambyx*)

vulnerata Schaller, 1783: 293 (*Saperda*)

MUST BE:

pustulata adulta Ganglbauer, 1884: 572 A: IN

pustulata pilipennis Reitter, 1895c: 161 E: AB AR A: IR TR

adnexa Pic, 1947a: 1

parvimacula Roubal, 1916b: 186

vexans Reitter, 1895c: 162

pustulata pulla Ganglbauer, 1886a: 130 E: ST A: KZ KI UZ

gibbicollis Reitter, 1893a: 114

intermedia Pic, 1895c: 65

kryzhanovskii Kostin, 1973: 230

pustulata pustulata Schrank, 1776: 66 (*Cerambyx*) E: AB AL AR

AU BH BU BY CR CT CZ FR GE GG GR HU IT MC MD PL PT

RO SK SL SP SZ ST UK YU A: KI KZ TD TR UZ

brevenotata Pic, 1936c: 4

lineola Fabricius, 1781: 235 (*Saperda*)

macedonica Pic, 1929b: 9

murina Marseul, 1870: 384

obscuripes Pic, 1895c: 65

posegana Piller & Mitterpacher, 1783: 67 (*Cerambyx*)

vulnerata Schaller, 1783: 293 (*Cerambyx*)

NOTE:

Ph. pustulata from Transcaucasia was separated by Breuning (1951: 386) as *Ph. pustulata* ssp. *vexans* Reitter, 1895 (described from Ordubad as a variation of *Ph. pustulata*). The subspecies is now generally accepted, but with a wrong name “*murina* Marseul, 1870” probably based on a wrong attribution of that name to North Iran (Astrabad) by Breuning (1951) **also in a rank of subspecies**. Recently Miroshnikov (2013) has reasonably noticed, that *Phytoecia murina* Marseul, 1870 was described from Sarepta (now Volgograd) and so: *Ph. pustulata pustulata* = *Ph. murina*. The Transcaucasian subspecies must have another name *Ph. pustulata* ssp. *pilipennis* Reitter, 1895 introduced as a species from Ordubad in the same publication as *Ph. pustulata* var. *vexans*, but one page before, so *Ph.*

M.L. Danilevsky

p. pilipennis Reitter, 1895 = *Ph. p. var. vexans* Reitter, 1895.

I don't know specimens from North Iran, but it seems quite adequate now to keep Iranian subspecies based on Breuning's opinion until better investigations. It also has own name: *Ph. pustulata* ssp. *adulta* Ganglbauer, 1884 (described from Astrabad).

124.page 311

NEW RECORDS:

Exocentrus rondoni Breuning, 1963b: 47 A: YUN **ORR**

semiglaber Breuning, 1968a: 29 A: YUN **ORR**

superstes Holzschuh, 1995: 46 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

125.pages 311-312

PRINTED (p. 311):

saitoi Matsushita, 1935: 313 A: SC

and (p. 312)

zikaweiensis Savio, 1929: 3 A: JIA SHG

Wrong corrections were published by Danilevsky (2012c: 733) on the base of indirect data as:

guttulatus saitoi Matsushita, 1935: 313 SC

guttulatus zikaweiensis Savio, 1929: 3 A: FUJ HUB JIA SHG

MUST BE (p. 312):

zikaweiensis Savio, 1929: 3 A: SC JIA SHG

saitoi Matsushita, 1935: 313

NOTE:

According to Hayashi (1963) *Exocentrus zikaweiensis* Savio, 1929 (Shanghai) = *E. saitoi* Matsushita, 1935 (Korea).

126.pages 312-313

PRINTED (p. 312):

dimidiatus Blessig, 1873: 208 A: FE SC

seminiveus Bates, 1873: 382

tristiculus Kraatz, 1879d: 115

and (p. 313)

seminiveus Bates, 1873: 382 A: HEI JA JIL NC SC

bicristatus Kraatz, 1879d: 114

dimidiatus Blessig, 1873: 208

tristiculus Kraatz, 1879d: 115

M.L. Danilevsky

MUST BE:

dimidiatus Blessig, 1873: 208 A: FE HEI JA JIL NC SC

bicristatus Kraatz, 1879d: 114

seminiveus Bates, 1873: 382

tristiculus Kraatz, 1879d: 115

127.page 314

PRINTED:

genus *Cyphoscyla* Thomson, 1868: 65 type species *Cyphoscyla lacordairei* Thomson, 1868

Hoabinhia Pic, 1934a: 11 type species *Hoabinhia multituberculata* Pic, 1934a

lacordairei Thomson, 1868: 66 A: YUN **ORR**

multituberculata Pic, 1934a: 12

NOTE:

See: Weigel et al. (2013).

128.page 315

NEW RECORD:

Mispila punctifrons Breuning, 1938c: 381 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

129.page 315

PRINTED:

longicornis Pic, 1926b: 8 (*Camptocnema*) A: HUN SCH XIZ **ORR**

MUST BE:

longicornis Pic, 1926b: 8 (*Camptocnema*) A: HUN SCH YUN XIZ **ORR**

NOTE:

See: Weigel et al. (2013).

130.page 316

NEW RECORD:

Niphona lateraliplagiata Breuning, 1943: 49 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

131.**page 316**

NEW RECORD:

Paramesosella fasciculata Breuning, Breuning, 1940: 143 **A: YUN**

ORR

NOTE:

See: Weigel et al. (2013).

132.**pages 317, 319-320**

PRINTED:

genus *Pterolophia* Newman, 1842e: 370 [NP] type species *Mesosa bigibbera* Newman, 1842

...

subgenus *Pterolophia* Newman, 1842e: 370 [NP] type species *Mesosa bigibbera* Newman, 1842

Acroptycha Quedenfeldt, 1888: 209 type species *Acroptycha spinifera* Quedenfeldt, 1888

Alyattes J. Thomson, 1864: 48 type species *Alyattes guineensis* J. Thomson, 1864

Anaches Pascoe, 1865: 160 type species *Sthenias dorsalis* Pascoe, 1858

...

dorsalis Pascoe, 1858: 251 (*Sthenias*) **A: HP NP SCH SD ORR**

albonotata Pic, 1932c: 25 (*Anaches*)

MUST BE:

genus *Anaches* Pascoe, 1865: 160 type species *Sthenias dorsalis* Pascoe, 1858

dorsalis Pascoe, 1858: 251 (*Sthenias*) **A: HP NP SCH SD ORR**

albonotata Pic, 1932c: 25 (*Anaches*)

semicylindricus Hayashi, 1974c: 45 (*Sthenias*) **A: TAI**

...

genus *Pterolophia* Newman, 1842e: 370 [NP] type species *Mesosa bigibbera* Newman, 1842

...

subgenus *Pterolophia* Newman, 1842e: 370 [NP] type species *Mesosa bigibbera* Newman, 1842

Acroptycha Quedenfeldt, 1888: 209 type species *Acroptycha spinifera* Quedenfeldt, 1888

Alyattes J. Thomson, 1864: 48 type species *Alyattes guineensis* J. Thomson, 1864

...

M.L. Danilevsky

NOTE:

See: Holzschuh (2013); *Sthenias semicylindricus* Hayashi, 1974c was transferred to *Anaches*.

133. **pages 318-319**

PRINTED:

cervina Gressitt, 1939a: 74 A: GUA GUI GUX HAI

and (p. 319)

consularis Pascoe, 1866b: 240 (*Praonetha*) A: CH SD **ORR**

cristulata Fairmaire, 1896b: 391 (*Praonetha*)

notaticeps Pic, 1934b: 12

and (p. 320)

dorsalis Pascoe, 1858: 251 (*Sthenias*) A: HP NP SCH SD **ORR**

and (p. 321)

persimilis Gahan, 1894a: 71 A: FUJ GUA HKG HP HUB NP SD
UP **ORR**

...

postfasciculata Pic, 1934b: 11 A: NP UP **ORR**

MUST BE:

consularis Pascoe, 1866b: 240 (*Praonetha*) A: BT GUA GUI GUX
HAI YUN SD **ORR**

cervina Gressitt, 1939a: 74

cristulata Fairmaire, 1896b: 391 (*Praonetha*)

notaticeps Pic, 1934b: 12

ochreomaculipennis Breuning, 1968e: 852.

and (p. 320)

dorsalis Pascoe, 1858: 251 (*Sthenias*) A: HP NP SCH SD YUN

ORR

and (p. 321)

persimilis Gahan, 1894a: 71 A: FUJ GUA HKG HP HUB NP SD
UP YUN **ORR**

...

postfasciculata Pic, 1934b: 11 A: NP UP YUN **ORR**

NOTE:

See: Weigel et al. (2013) with the wrong spelling
“*ochraceomaculipennis*”.

M.L. Danilevsky

134. pages 318, 320

PRINTED:

brevegibbosa Pic, 1926a: 32 A: HAI HKG NP SD UP **ORR**

gardneri Schwarzer, 1931a: 71 (*Cenodocus*)

and (p. 320)

gardneri Schwarzer, 1931a: 71 A: UP

NOTE:

The first version is correct.

135. pages 318, 321

PRINTED:

lunigera Aurivillius, 1913: 25

and (p. 321)

lunigera Aurivillius, 1930: 25 A: NP **ORR**

MUST BE (p.321):

lunigera Aurivillius, 1913: 25 A: NP **ORR**

136. pages 318, 321

PRINTED:

arctofasciata Gressitt, 1940b: 147 A: GUA HAI HKG **ORR**

and

gerardinae Breuning, 1938c: 272 A: SD UP

and (p. 321)

postfasciculata Pic, 1934b: 11 A: NP UP **ORR**

arctofasciata Gressitt, 1940b: 147

gerardinae Breuning, 1938c: 272

subfasciculata Breuning, 1938c: 291

MUST BE (p. 321):

postfasciculata Pic, 1934b: 11 A: GUA HAI HKG NP SD UP **ORR**

arctofasciata Gressitt, 1940b: 147

gerardinae Breuning, 1938c: 272

subfasciculata Breuning, 1938c: 291

NOTE:

See: Löbl & Smetana (2013: 42)

137. page 318

PRINTED:

calallina Chiang, 1951: 74 [HN]

M.L. Danilevsky

MUST BE:

caballina Chiang, 1951: 74 [HN]

138.page 321

NEW RECORD:

Pterolophia salebrosa Breunin, 1938: 289 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

139.page 323

MISSING NAMES:

Sthenias pictus Breuning, 1938c: 369 (= *Paramesosella nigrosignata* Breuning, 1965e: 41) A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

The publication by Breuning (1965e) was dated by Weigel et al. (2013) and by Rondon & Breuning (1970) as 1964.

140.pages 324, 326

PRINTED:

cardinalis langana Pic, 1903f: 107 A: GUX YUN **ORR**

atrolateralis Pic, 1926c: 24

...

nigromarginella W.-K. Wang & Jiang, 2002b: 145 A: GUX

MUST BE:

langana Pic, 1903f: 107 A: GUX YUN **ORR**

atrolateralis Pic, 1926c: 24

nigromarginella W.-K. Wang & Jiang, 2002b

NOTE:

See: Weigel et al., (2013).

141.page 324

PRINTED:

delolorata Heller, 1926: 47 A: YUN **ORR**

MUST BE:

decolorata Heller, 1926: 47 (*Stiroleneae*) A: YUN **ORR**

142.page 324

NEW RECORDS:

Glenea (Aridoglenea) meiyingae Holzschuh, 2009: 423 A: NP SD
YUN **ORR**

Glenea (s. str.) *torquatella* Aurivillius, 1923: 505 [RN] A: YUN
ORR

torquata Gahan, 1907: 104 [HN]

NOTE:

See: Weigel et al. (2013).

143.page 324

PRINTED:

bimaculatithorax Breuning, 1956b: 158 A: YUN **ORR**

MUST BE:

bimaculatithorax Pic, 1946a: 16 A: YUN **ORR**

144.page 326

PRINTED:

saperdiformis Breuning, 1953: 25 A: AP

reitteri Pic, 1943c: 14

semiluctuosa Fairmaire, 1902b: 269 (*Sphenura*) A: SCH YUN

MUST BE:

saperdiformis Breuning, 1953: 25 A: AP

semiluctuosa Fairmaire, 1902b: 269 (*Sphenura*) A: SCH YUN

reitteri Pic, 1943c: 14

NOTE:

See: Löbl & Smetana (2013: 42)

145.page 327

PRINTED:

citrinopubens Pic, 1926c: 20

MUST BE:

citrinopubens Pic, 1926c: 20 A: GUI GUX HUB SCH YUN

NOTE:

According to Weigel et al. (2013) *Glenea citrinopubens* Pic, 1926c is valid, and all records of *G. sulphurea* Thoms. from China must be connected with *G. citrinopubens* Pic.

M.L. Danilevsky

146.page 328

PRINTED:

pulchra pulchra Schwarzer, 1925c: 148 A: TAI

MUST BE:

pulchra pulchra Schwarzer, 1925c: 148 A: TAI YUN

NOTE:

See: Weigel et al. (2013).

147.page 328

NEW RECORD:

genus *Paradystus* Aurivillius, 1923: 184 [RN] type species *Dystus notator* Pascoe, 1867

Dystus Pascoe, 1867: 416 [HN] type species *Dystus notator* Pascoe, 1867
infrarufus Breuning, 1954: 458, 460 A: YUN **ORR**

NOTE:

See: Weigel et al. (2013).

148.page 331

PRINTED:

pubescens Gressitt, 1940b: 201 A: HAI

MUST BE:

pubescens Gressitt, 1940b: 201 A: HAI YUN

NOTE:

See: Weigel et al. (2013).

149.page 690

PRINTED:

Costa A. 1855: Foglio 17. Pp. 57-64. Coleott. tetrameri longicorni. Fam. Spondylidae. In: *Fauna del regno di Napoli ossia enumerazione di tutti gli animali che abitano le diverse regioni di quasto regno e le acque che le bagnano contenente la descrizione de'nuovi o pocio esattamente conosciuti con figure ricavate da originali viventi e dipinte al naturale. Coleotteri. Parte II. Coleotteri* [1854-1859]. Napoli: Gaetano Sautto, 68 pp. [note: Part II issued in 21 "foglio's"].

NOTE:

The reference has no connection with the reality, neither with the text of the Catalogue!

M.L. Danilevsky

Fam. “Spondylidae” was named in fact by Costa as: “Famiglia degli Spondilidei–Spondylidea”. It occupies 2 pages only (6-7) and contains no new names.

Most of new names by Costa (1855) were out of the shown limits (pp. 57-66).

All names by Costa (1855) are:

alata A. Costa, 1855: 25

rosara A. Costa, 1855: 26 [HN]

annulus A. Costa, 1855: 30

rufipes A. Costa, 1855: 34

scutellaris A. Costa, 1855: 38

Liagrica A. Costa, 1855: 59

procerus A. Costa, 1855: 64

nigripes A. Costa, 1855: 67

I am not able to identify limits of each of all 21 “foglio’s” of that addition, but according to Löbl (personal message, 2013) who used D'Erasmo G. (1949):

foglio 13 includes pages 25-32

foglio 14 includes page 33-40

foglio 17 includes pages 57-64

foglio 18 includes page 67 - and all were published in 1855.

So, a preliminary reference to all new names could look as:

Costa A. 1855: [new names] Coleotteri tetrameri. Sezione de' longicorni. *Fauna del regno di Napoli ossia enumerazione di tutti gli animali che abitano le diverse regioni di questo regno e le acque che le bagnano contenente la descrizione de' nuovi o poco esattamente conosciuti con figure ricavate da originali viventi e dipinte al naturale. Coleotteri. Parte II. Coleotteri [1854-1859]. Napoli: Gaetano Sautto: 1- 68 + 1 + Tav. XXXI – XXXVI. [note: Part II issued in 21 “foglio’s”]*

D'Erasmo G. 1949: Le date di pubblicazione della "Fauna del Regno di Napoli" di Oronzio Gabriele Costa e di Achille Costa. Rendiconti Accademia Science fisiche, matematiche, naturali di Napoli, 1949: 14-36.

150.page 690

PRINTED:

Costa A. 1856: Foglio 16. Pp. 49-56. Coleott. tetrameri longicorni.

M.L. Danilevsky

Gen Clytus (cont.), Anaglyptus. In: *Fauna del regno di Napoli ossia enumerazione di tutti gli animali che abitano le diverse regioni di **questa** regno e le acque che le bagnano contenente la descrizione de'nuovi o **poco** esattamente conosciuti con figure ricavate da originali viventi e dipinte al naturale. Coleotteri. Parte II. Coleotteri* [1854-1859]. Napoli: Gaetano Sautto, 68 pp.

MUST BE:

Costa A. 1856: Foglio 16. Pp. 49-56. Coleotteri tetrameri. Sezione de'longicorni. [Gen. Clytus (cont.) and Anaglyptus]. In: *Fauna del regno di Napoli ossia enumerazione di tutti gli animali che abitano le diverse regioni di questo regno e le acque che le bagnano contenente la descrizione de'nuovi o poco esattamente conosciuti con figure ricavate da originali viventi e dipinte al naturale. Coleotteri. Parte II. Coleotteri* [1854-1859]. Napoli: Gaetano Sautto, 68 pp.

NOTE:

The current limits of the Foglio 16 look doubtful as page 49 begins and page 56 ends with the half of sentence.

151.page 723

PRINTED:

Götz G. F. 1783: Beiträge zur Naturgeschichte der Insecten. *Naturforscher* **19**: 70-77, 1 pl.

MUST BE:

Götz G. F. 1783: Beytrag zur Naturgeschichte der Insecten. *Der Naturforscher* **19**: 70-77, 1 pl.

152.page 813

PRINTED:

Panzer G. W. F. 1789: Einige seltene Insecten beschrieben. *Naturforscher* **24**: 1-35.

MUST BE:

Panzer G. W. F. 1789: Einige seltene Insecten. *Der Naturforscher* **24**: 1-35.

[or original version of the title: "Einige seltene Insecten beschrieben von G. W. F. Panzer, der Arzneykunst Doctor zu Nürnberg.".]

M.L. Danilevsky

ACKNOWLEDGEMENTS. I am very grateful to Richard Ambrus, Alen Drumont, Jacek Kurzawa, Maxim Lazarev, Lin Meiying, Alexander Miroshnikov, Alexander Napolov, Nobuo Ohbayashi, Seung Hwan Oh, Antonio Santos-Silva, Petr Svacha, Tomáš Tichý, Eduard Vives for valuable consultations, their own remarks and providing me with necessary publications.

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M.L. Danilevsky

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M.L. Danilevsky

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Received: 16.01.2014

Accepted: 03.02.2014

Two new subspecies of *Dorcadion aethiops* (Scopoli, 1763) from Bulgaria (Coleoptera, Cerambycidae)

M.L. Danilevsky

A.N. Severtzov Institute of Ecology and Evolution, Russian Academy of Sciences, Leninsky prospect 33, Moscow 119071 Russia
e-mail: danilevskym@rambler.ru, danilevsky@cerambycidae.net

Key words: Coleoptera, Cerambycidae, new subspecies, Bulgaria, Greece.

Abstract: *Dorcadion (Carinatodorcadion) aethiops strumense*, **ssp. n.** is described from two localities in South Bulgaria: Petrich environs (type locality) and environs of Gotse Delchev. *Dorcadion (Carinatodorcadion) aethiops asenovi*, **ssp. n.** is described from near Asenovgrad. *D. (Carinatodorcadion) aethiops propinquum* Breuning, 1962 and *D. (Cribridorcadion) lugubre minkovae* Heyrovský, 1962 are accepted.

Dorcadion aethiops (Scopoli, 1763: 53) described as *Cerambyx* from Ljubljana environs ("Circa Labacum") is widely distributed in West Europe from East Austria to West Ukraine and Moldavia, including Balkans. Now it is absent in Slovenia, being regarded as extinct.

Similar populations from Greece were traditionally regarded (Breuning, 1962; Althoff & Danilevsky, 1997; Steiner, 2003) as another species: *Dorcadion majoripenne* Pic, 1926, described from "région de Salonique" and *D. propinquum* Breuning, 1962 described from near Kozani. Recently both were included in *D. aethiops* by (Pesarini & Sabbadini, 2007; 2010) as a single subspecies: *D. aethiops majoripenne* Pic = *propinquum* Breuning, 1962 (Florina, Kozani, Imathina, Kilkis, Thessaloniki). Unfortunately the new synonyms were not argued at all. It is not clear from the text of the article how many specimens from near Thessaloniki were used for comparison. According to a few specimens available in author's collection from Oros Vermion, 40°31'N, 21°52'E and Kato Vermion, 40°33'N, 22°2'E (not far from Kozani) and from near Metallikon, 41°1'10.79"N, 22°49'17.99"E (northwards Saloniki) such a synonymisation was not adequate. Both subspecies must be accepted: *D. aethiops majoripenne* Pic, 1926 and *D. aethiops propinquum* Breuning, 1962.

M.L. Danilevsky

Populations of *D. aethiops* from South Bulgaria are much stronger differ from Central European *D. aethiops*, than Greek populations and must be described as new subspecies.

***Dorcadion (Carinatodorcadion) aethiops strumense*, ssp. n.**

(Figs 1-2)

Type locality. Bulgaria, 6km NEE Petrich, Drangovo, 41°24'56"N, 23°17'55"E, 155m.

Description. Only two males are available. Body strongly elongated, elytra convex with smoothed humery (especially in the holotype); the beetles look similar to Caucasian *Dorcadion carinatum cylindraceum* (Reitter, 1886). Pronotal punctation much finer and sparser than in the nominative subspecies. Elytral punctation in the holotype is extremely fine, nearly indistinct or a little more pronounced in the male from Gotse Delchev; body length: 22.0 (holotype) - 23.0 mm, body width near elytral middle: 7.0 mm (holotype) – 6.4 mm.

Materials. Holotype, male, Bulgaria, 6km NEE Petrich, Drangovo, 23°17'55"E, 41°24'56"N, 155m, 7.6.2013, A. Napolov & I. Roma leg. - author's collection; 1 paratype, male, Bulgaria, Gotse Delchev env., 15.7.1981, V.Sakalyan leg. - author's collection.

Several specimens of *D. aethiops aethiops* from Central Europe were used for comparison (Vienne environs; Slovakia: Štúrovo, Lučenes, Dmica; Vinogradov in Transcarpathian Ukraine).

Note. *Dorcadion minkovae* Heyrovský, 1962 described from "Kresna-Defilé" in subgenus *D. (Pedestredorcadion* Breun.) was later regarded as *D. (Carinatodorcadion* Breun.) by Mikšić & Korpič (1985). In fact the species known now as *Dorcadion (Cribridorcadion) minkovae* Heyrovský, 1962 (see Danilevsky, 2010) introduced on the base of a single very small male (14mm) is just a local form of *D. (Cr.) lugubre* Kraatz, 1973 (described from Greece – "Salonick"), which is very numerous in the region and must be regarded as its subspecies *Dorcadion (Cribridorcadion) lugubre minkovae* Heyrovský, 1962, **stat. n.** All records of *D. lugubre* and *D. pseudolugubre* Breuning, 1943 from Struma valley were connected with that taxon.

Dorcadion (Carinatodorcadion) aethiops asenovi, ssp. n.
(Figs 3-5)

Type locality. Bulgaria, Asenovgrad env.

Description. Body relatively wider than in the nominative subspecies; pronotal punctation is about same, but elytral punctation much finer, elytra can be totally smooth in the middle; humeral carinae from rather distinct and roughly sculptured to more or less smooth and obliterated; body length in males: 21.0 - 22.2 mm, body width in males near elytral middle: 7.5 - 8.8mm; body length in a female: 23.0 mm, body width in near elytral middle: 9.2 mm.

Materials. Holotype, male, Bulgaria, Asenovgrad env., 29.4.1985, V.Bíža leg. - author's collection.; 4 paratypes, 3 males and 1 female with same label - author's collection.

Acknowledgement. I am very grateful to Alexander Napolov for supplying me with the specimens for study.

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Figs 1-2. *Dorcadion* (*Carinatodorcadion*) *aethiops strumense*, **ssp. n.**: 1 – male, holotype, Bulgaria, 6km NEE Petrich, Drangovo, 23°17'55"E, 41°24'56"N, 155m, 7.6.2013, A. Napolov & I. Roma leg. 2 – male, paratype, Bulgaria, Gotse Delchev env., 15.7.1981, V.Sakalyan leg.

Figs 3-5. *Dorcadion* (*Carinatodorcadion*) *aethiops asenovi*, **ssp. n.**: 3 - male, holotype, Bulgaria, Asenovgrad env., 29.4.1985, V.Biža leg.; 4 – male, paratype with same label; 5 – female, paratype with same label.

Received: 11.03.2014

Accepted: 20.03.2014

**Two new species of genus *Cortodera* Mulsant, 1863 from Asia
(Coleoptera, Cerambycidae)**

M.L. Danilevsky

A.N. Severtzov Institute of Ecology and Evolution, Russian Academy of Sciences,
Leninsky prospect 33, Moscow 119071 Russia
e-mail: danilevskym1@rambler.ru, danilevsky@cerambycidae.net

Key words: Coleoptera, Cerambycidae, new species, Iran, Afghanistan.

Abstract: *Cortodera farsensis* **sp. n.** is described from Fars, Iran. *C. bamiyana* **sp. n.** is described from Bamiyan, Afghanistan. Both species are close to *C. transcaspica* Plavilstshikov, 1936.

***Cortodera farsensis* sp. n.**

(Figs 1-2)

Type locality. Iran, Fars, Dasht-e Arjan env., Qaemyeh Pass, 29°37'48"N, 51°55'48"E, 2000-2150m.

Totally black with brown elytra; head relatively long, temples long and strongly angulated; male antennae reaching apical elytral forth, female antennae reaching apical elytral third; 1st antennal joint a little longer than 3rd, a little shorter than 5th and much longer than 4th; apical palpal joints strongly widened, axe-like; prothorax in males a little wider at base than long, in females – about 1.2 times wider at base than long; strongly angulated laterally near middle; pronotal punctation moderately dense, scattered near middle with wide smooth area in the centre; with long black erect and shorter oblique setae, pronotal setae in females rather shorter; elytra in males about 2.2 times longer than basal width, distinctly tapering posteriorly; in females – about 2 times, parallelsided; elytral apices widely rounded, nearly truncated, with a small angle near suture; elytral punctation moderately rough and dense; elytral pubescence consists of short oblique dark setae, without erect setae; ventral body side with mixed erect and oblique pale setae, which are shorter in females; pygidium and postpygidium in males truncated, last abdominal sternite slightly emarginated; last abdominal tergite in females slightly emarginated, sternite – widely rounded; body length in males: 10.9-12.5 mm, in females: 10.1-12.8 mm, body width in

M.L. Danilevsky

males: 3.2-3.6 mm; in females: 3.0-4.0 mm.

Materials. Holotype, male, Iran, Fars, Dasht-e Arjan env., Qaemyeh Pass, 29°37'48"N, 51°55'48"E, 2000-2150m, 14.5.2013, D.Murastyi leg. – author's collection; 5 paratypes, 2 males and 3 females with same label – author's collection and collection of O. Pak (Donetsk, Ukraine).

Differential diagnosis. *C. farsensis* **sp. n.** easily differs from *C. transcaspica* Plav. by much darker brown elytral color; elytra in *C. transcaspica* orange-yellow with much paler longer pubescence and finer punctation; apical joints of maxillary palpi in females of *C. farsensis* **sp. n.** axe-like, while in females of *C. transcaspica* more elongated.

***Cortodera bamiyana* sp. n.**

(Figs 3-4)

Type locality. Afghanistan, Bamiyan, Panjab Distr., Varas, 34°14'11"N, 66°54'28"E, 2500m.

Description. Only one female available; totally black with brown elytra; head relatively shorter and wider than in females of *C. farsensis* **sp. n.** with longer strongly angulated temples; antennae longer; 1st antennal joint a little shorter than 3rd, about equal to 5th and much longer than 4th; apical joints of maxillary palpi elongated, not axe-like; prothorax about 1.2 times wider at base than long; hardly angulated laterally near middle; pronotal punctation moderately dense, scattered near middle with wide smooth area in the centre; with short pale erect and oblique setae; elytra about 2.2 times longer than basal width, so more elongated than in *C. farsensis* **sp. n.**, parallelsided, sharpened apically; elytral punctation less rough, but denser; elytral pubescence consists of short oblique pale setae, a little longer than in *C. farsensis* **sp. n.**, erect setae absent; ventral body side with mixed oblique and recumbent pale setae, last abdominal tergite slightly emarginated, sternite – widely rounded; body length: 13.0mm, body width: 4.0mm.

Materials. Holotype, female, Afghanistan, Bamiyan, Panjab Distr., Varas, 34°14'11"N, 66°54'28"E, 2500 m, 21.05.2012, O. Pak leg. – author's collection.

Differential diagnosis. *C. bamiyana* **sp. n.** differs from *C. farsensis*

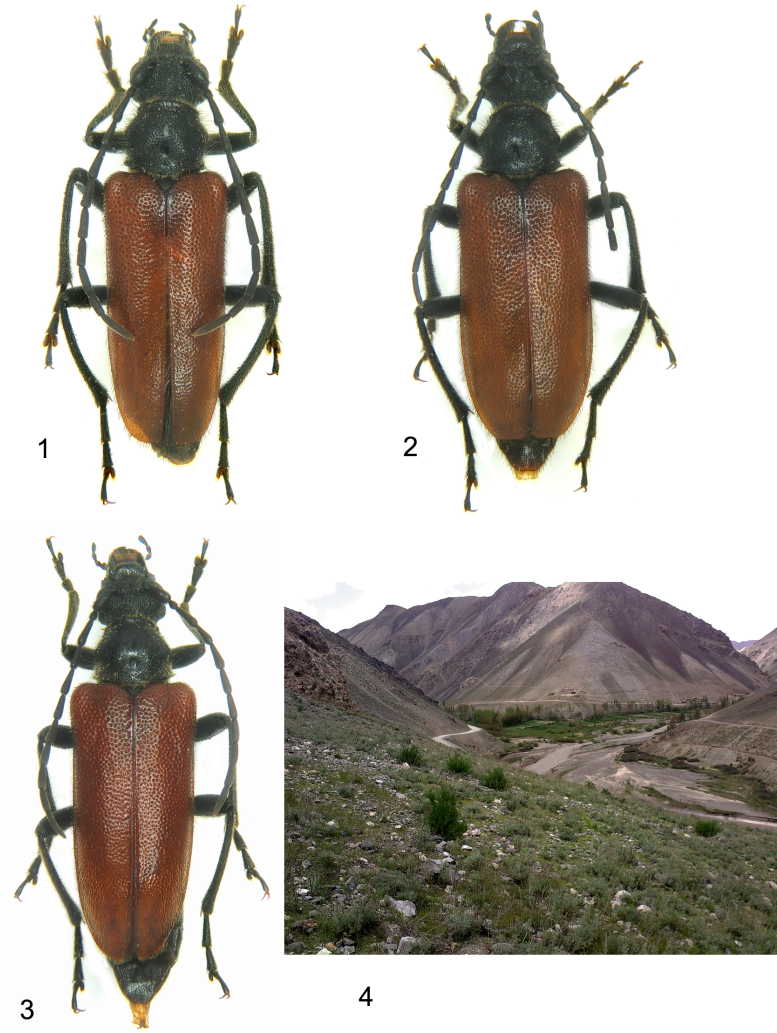
M.L. Danilevsky

sp. n. by wider head, longer and more angulated temples, elongated apical joints of maxillary palpi, a little longer antennae with long 3rd joint, which is longer than 1st and 5th; prothorax less angulated; elytra much longer with longer paler pubescence, with smaller and denser punctation, with sharpened apices.

Acknowledgement. I am very grateful to Oleg Pak for providing me with the specimens for study.

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Figs 1-2. *Cortodera farsensis* sp. n.: 1 – holotype, male; 2 – paratype, female.

Fig. 3. *Cortodera bamiyana* sp. n., holotype, female.

Fig. 4. Afghanistan, Bamiyan, Varas, locality of *C. bamiyana* sp. n., photo by O. Pak.

Received: 13.02.2014

Accepted: 20.03.2014

***Vadonia vartanisi* sp. n. from Turkey and
Vadonia hirsuta (K. Daniel & J. Daniel, 1891)
(Coleoptera, Cerambycidae)**

M.L. Danilevsky

A.N. Severtzov Institute of Ecology and Evolution, Russian Academy of Sciences,
Leninsky prospect 33, Moscow 119071 Russia
e-mail: danilevskym@rambler.ru, danilevsky@cerambycidae.net

Key words: Coleoptera, Cerambycidae, new taxa, lectotype designation, Turkey, Rumania, Crimea.

Abstract: *Vadonia vartanisi* sp. n. close to *V. unipunctata* (Fabricius, 1787) is described from Konya (Turkey). Several characters of *Vadonia bolognai* Sama, 1982 males are mentioned. The types of *Vadonia hirsuta* (K. Daniel & J. Daniel, 1891) are shortly redescribed and figured; lectotype is designated. *Vadonia saucia* (Mulsant & Godart, 1855) is recorded for Rumania.

***Vadonia vartanisi* sp. n.
(Figs 1-4)**

Type locality. Turkey, Konya, Cihanbeyli (38°39'N, 32°56'E) environs, 1326 m.

Description. The taxon is close to *Vadonia unipunctata* (Fabricius, 1787), but constantly differs by indistinct elytral spots.

Body small, not longer than 12.3mm; head relatively long, genae about as long as width of 1st antennal joint; temples oblique, but with distinct angles; apical joints of maxillary palpi strongly elongated; male antennae reaching posterior elytral third, female antennae hardly reaching elytral middle; 3rd antennal joint a little longer than 4th, shorter than 1st, and a little shorter than 5th; prothorax a little longer than basal width; in males elongated, but in females about as long as width near middle; with evenly rounded sides; covered with moderately long dark erect setae; with regular strong dense punctation; central smooth line hardly pronounced or totally absent; elytra brown, with brown epipleurae, but with narrowly black suture; only one small female has yellow elytra with similarly pale suture; elytra in males about 2.3 times longer than wide, in females – about 2.1 times longer than wide; covered with short oblique

brownish setae, with several erect setae near base; with fine not very dense punctation; the distance between dots much smaller than each dot; elytral apices rounded; black elytral spots usually totally absent or hardly visible (as in the holotype); all femora without erect setae; each male tibiae with a pair of apical spines; abdomen with relatively long erect setae; hind borders of posterior abdominal segments rounded.

Males genitals are about same as in *V. unipunctata* (F.): apex of aedeagus slightly widened (Fig. 3), parameres flat, strongly dilated (Fig. 4).

Body length in males: 9.4-12.3 mm; width (near humeri): 2.6-3.3 mm, body length in females: 8.1- 11.5 mm, width: 2.4-3.3 mm.

Materials. Holotype, male, Turkey, Konya, Cihanbeyli (38°39'N, 32°56'E), 1326m, 31.5.1998, J. Ryšavý leg. – author's collection; 9 paratypes; 3 males and 3 females with same labels – collection of J. Vartanis (Czechia, Uherský Brod); 1 female, Turkey centr., Karaklut, 6.1998, J. Ryšavý leg. – author's collection; 2 males, Turkey centr., Argady, 6.1998, J. Ryšavý leg. – collection of J. Vartanis (Czechia, Uherský Brod).

Remark. Another small Turkish *Vadonia* without elytral spots was described on the base of two females from Samsun province: “tra Samsun e Kavak, m 300” – about 41°14'40"N, 36°10'18"E as *Vadonia bolognai* Sama, 1982. Several males of *V. bolognai* are preserved now in the collection of P.Rapuzzi (personal message, 2014): all are with only 1 spine of hind tibiae; apex of aedeagus is normal shaped, not arrow-like flattened; black elytral spots sometimes are very small, sometimes missing and sometimes are well developed.

***Vadonia hirsuta* (K. Daniel & J. Daniel, 1891)**
(Figs 5-17)

Leptura hirsuta K. Daniel & J. Daniel, 1891: 6, 18, 39 – “Dobrutscha bei Hirsova”, “8½-10MM”, “Hirsovo”;

Leptura (Vadonia) hirsuta, Aurivillius, 1912: 210; Winkler: 1929: 1157.

Leptura (Neovadonia) hirsuta, Panin & Săvulescu, 1961: 146 – „Dupa Plavilstshikov (in litt.), *Leptura hirsuta* K. et J. Daniel este probabil o „morphă păraosă” de *L. unipunctata* F.”.

Vadonia hirsuta, Althoff & Danilevsky, 1997: 12; Bense, 1995: 154-155, 470; Sama & Löbl, 2010: 117.

Type locality. Rumania, Hirsova (Hârșova, 44°41'N, 27°57'E) environs.

Redescription. The whole type series consists of very small specimens, not longer than 10.3mm; male antennae reaching posterior elytral fifth in males or posterior elytral third in female; 3rd antennal joint a little longer than 4th, shorter than 1st, and a little shorter than 5th; prothorax widest near middle, with evenly rounded sides, a little longer, than its basal width in males, or a little shorter in female; with very dense, rough, regular punctation, covered with very long erect setae; elytra in males about 2.3 times longer than wide, or about 2.2 times longer than wide in female; covered with very long erect pale setae, which become shorter behind middle; black elytral spots can be nearly indistinct (Fig. 7); all femora in males and in female with very long erect setae; each male tibiae with a pair of apical spines; abdomen with very long erect setae; hind borders of posterior abdominal segments rounded.

The apex of aedeagus (one paralectotype was prepared, lectotype was not dissected) is slightly dilated (Fig. 12), similar to the normal *Vadonia unipunctata*, the parameres are same as in *Vadonia unipunctata* - flat, strongly dilated, hatched-shaped (see adequate picture by Bense, 1995: 154, Fig. 445). The abdomen of the male-paralectotype used for preparation by me was damaged and parameres could not be photographed, but still studied.

Body length in males: 8.1-10.3mm; width: 2.2-3.0mm, body length in female: 9.8 mm, width: 2.9 mm.

Materials (Zoologische Staatssammlung München). Lectotype - present designation (Fig. 5) with 5 labels (Fig. 6): 1) “Hirsovo / 89

Merkel", 2) "*hirsuta* / Daniel", 3) [red] "Type von / *Leptura* / *hirsuta* Dan", 4) "Sammlung / Dr. K.Daniel", 5) "*Vadonia* / *hirsuta* / Daniel"; 3 paralectotypes - present designation; 1 male (without left elytron, without last abdominal segments, genitals absent) with 4 labels (Fig. 13): 1) "Pest / (Merkel 89)", 2) "Gen. präp." 3) "vielleicht / Hirsovo", 4) "Sammlung / Dr. K.Daniel"; 1 male (Fig. 7-8) and 1 female (Fig. 11), each with 2 labels (Figs 10, 12): 1) "Hirsovo / 89 Merkel", 2) "*hirsuta* / Daniel".

Remarks. According to the original description (K. Daniel & J. Daniel, 1891) the type series consists of 6 specimens: "In unserer Sammlung sechs Stücke dieser niedlichen Art, von Merkel in der Dobrutscha bei Hirsova gesammelt". According to Bense (1995) 9 specimens are available: "Up to now only the 9 individuals from the Dobrutscha region (Merkel leg.) seem to be known."

Several recently collected specimens of *Vadonia hirsuta* are known (personal message by K. Hodek, 2014). A male and a female (Figs 14, 17) are preserved in the collection of K. Hodek (Romania, Tulcea, 4 km S. of Codru, 44°48'56"N, 28°41'34"E, 120m, 6.7.2008, J. Pelikán leg). A male with black area along suture (Fig. 15) is preserved in the collection of Jan Pelikán (Valu lui Traian, about 9 km westwards Constanța, 44°10'N, 28°27'E, 1-2.6.2013, leg. J. Pelikán).

Besides a male with the label: "Rumania, Tulcea-Babadag, 29.6.2011, lgt. Loupanec D." is preserved in author's collection.

All new specimens are definitely conspecific to the types with male genitals identical to the genitals of paralectotype male of *V. hirsuta*. Codru is very close to Ukraine border (in about 45 km), so the occurrence of the species in Odessa Region of Ukraine is very probable. Similar specimens of *Vadonia unipunctata* (F.) from Moldavia are necessary to be studied on the presence of long erect femora setae.

The taxon, figured by Serafim (2006: 231-232) as "*Vadonia hirsuta*" (also from Rumanian Dobruja: Murfatlar) was definitely another species. Unfortunately that wrong identification is widely distributed now by Internet. The aedeagus apex of that species is rather different, arrow like and parameres are less widened than in *V. hirsuta*. I've got 4 specimens (two males and two females) of that species from same area (Romania, Constanța, Crucea, 2.6.2008 and

7.6.2013, Jan Pelikán leg.) kindly sent to me by J. Vartanis. The genitals of my males are just same as figured by Serafim (2006: 231-232) for his “*Vadonia hirsuta*”. This species is bigger than *V. hirsuta* (11-12mm), pronotal and elytral erect setae much shorter, but first of all it does not have the main character of *V. hirsuta*: all femora are without erect setae, while in all available specimens of *V. hirsuta* all femora are with very long and dense erect setae, which are longer and denser than in the most forms of *V. bipunctata* (F.).

In fact that Rumanian *Vadonia* taxon is undistinguished from Crimean *Vadonia saucia* (Mulsant & Godart, 1855b: 282) [1855a: 182] with just same male genitals (see: http://cerambycidae.net/beetles_vadonia_saucia.html). So, most probably *Vadonia* populations in Rumania and Crimea with arrow-like aedeagus, wide parameres and paired hind tibiae spines belong to one species - *Vadonia saucia* (Mulsant & Godart, 1855). Different local populations can be externally a little different. Totally black forms of *Vadonia saucia* in Crimea are very common. But in Rumania the number of black forms seem to be not so numerous: among 20 specimens known to J.Vartanis only one is totally black. Probably it would be adequate to describe Rumanian taxon as a new subspecies of *Vadonia saucia*.

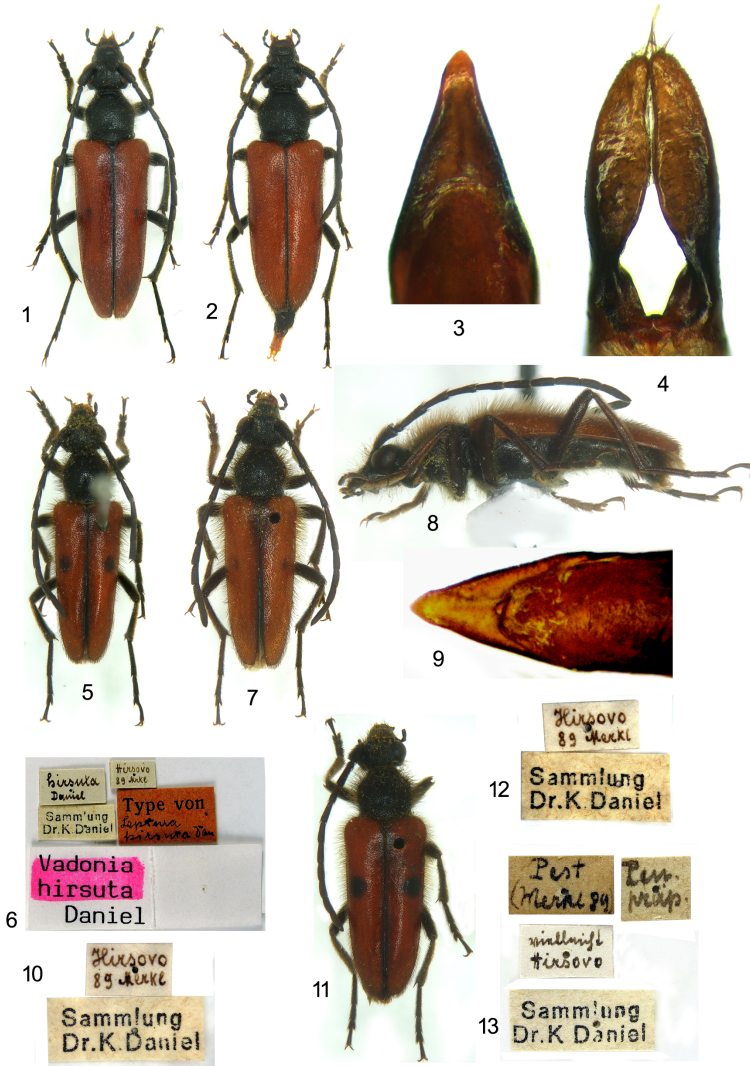
Greek *V. insidiosa* Holzschuh, 1984 (male paratype from Greece, Kato Olimpos and a pair from Ossa Mt. are available in my collection) is very similar to *Vadonia saucia* with a big quota of black forms, but arrow-like structure of aedeagus is less pronounced and dorsal setae look a little longer.

It is necessary now to discover similar taxon in Bulgaria.

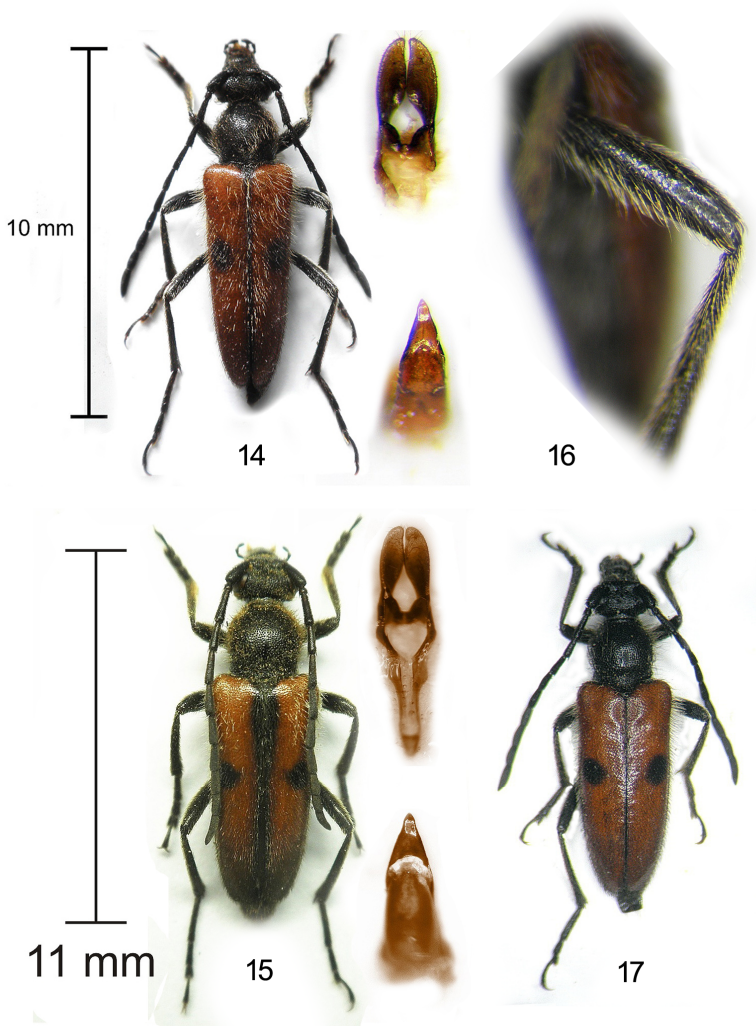
Acknowledgements. The author is very grateful to Katja Neven and Michael Balke (Zoologische Staatssammlung München) for the loan of type materials, to Janis Vartanis for providing specimens for study, to Karel Hodek for photos of newly collected specimens of *V. hirsuta* from near Codru and corresponding information and to Pierpaolo Rapuzzi for valuable information about *Vadonia bolognai* Sama.

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Figs 1-4. *Vadonia vartanisi*, sp. n.: 1 – male, holotype; 2 – female, paratype (Karaklut); 3 – aedeagus apex of the holotype; 4 – parameres of the holotype.
Figs 5-13. *Vadonia hirsuta* (K. & J. Daniel): 5 –male, lectotype; 6 – labels of the lectotype; 7 – male, paralectotype (dorsal view); 8 – male, paralectotype (lateral view); 9 – apex of aedeagus of the paralectotype; 10 – labels of male-paralectotype; 11 – female, paralectotype; 12 – labels of the female-paralectotype; 13 – labels of another male-paralectotype.



Figs 14-17. *Vadonia hirsuta* (K. & J. Daniel): 14 – newly collected male from near Codru with genitals, photo by K. Hodek; 15 - newly collected male from near Valu lui Traian with genitals, photo by K. Hodek; 16 – hind femora of a male from near Codru, photo by K. Hodek; 17 – female from near Codru, photo by K. Hodek.

Received: 15.01.2014

Accepted: 20.03.2014

***Pogonarthron* (*Multicladum* subgen. n.) and a female of
Pogonarthron (*Pseudomonocladum* Villiers, 1961, stat. nov.)
minutum (Pic, 1905) (Coleoptera, Cerambycidae)**

M.L. Danilevsky¹ & Z. Komiya²

¹ A.N. Severtzov Institute of Ecology and Evolution, Russian Academy of Sciences,
Leninsky prospect 33, Moscow 119071 Russia

e-mail: danilevskym1@rambler.ru, danilevsky@cerambycidae.net

² 3-2-12 Shimouma, Setagaya-Ku, 1540002 Tokyo, Japan

e-mail: z-com321@eurus.dti.ne.jp

Key words: Coleoptera, Cerambycidae, new subgenus, Tadzhikistan, Iran.

Abstract: *Pogonarthron* (*Multicladum* Danilevsky, **subgen. n.**) with type species *Prionus semenovianus* Plavilstshikov, 1936 is proposed. *Pogonarthron* (*Pseudomonocladum* Villiers, 1961, **stat. nov.**) is regarded as a subgenus. A female of *Pogonarthron* (*Pseudomonocladum*) *minutum* (Pic, 1905) is described.

The genus *Pogonarthron* Semenov, 1900 consisted up to now (Danilevsky, 2004; Danilevsky & Smetana, 2010) of 6 species *P. bedeli* (Semenov, 1900), *P. tschitscherini* (Semenov, 1889), *P. petrovi* Danilevsky, 2004, *P. minutum* (Pic, 1905), *P. semenowi* (Lameere, 1912) and *P. semenovianum* (Plavilstshikov, 1936). According to the opinion by Z. Komiya, two names *P. obenbergeri* (Heyrovský, 1939) and *P. loeffleri* Fuchs, 1956 [1957] are possibly being not synonyms of *P. minutum* as they have been accepted now, but valid names. All species could be naturally divided in 3 groups, which are regarded here as subgenera.

The nominative subgenus is characterized by middle antennal joints supplied with long ventral lamellae. Dorsal lamellae nearly indistinct, represented by vestigial tubercles (Fig. 1), and the whole antennal surface is bent inwards in ventral direction (Fig. 2). The subgenus includes 3 species: *P.* (s. str.) *bedeli* (Semenov, 1900), *P.* (s. str.) *tschitscherini* (Semenov, 1889) and *P.* (s. str.) *petrovi* Danilevsky, 2004.

***Pogonarthron* (*Multicladum* Danilevsky, subgen. n.)**

Type species. *Prionus semenovianus* Plavilstshikov, 1936.

Middle antennal joints are supplied with 2 long lamellae each (Fig. 5): ventral and dorsal. The new subgenus includes only one species: *P. (Multicladum) semenovianum* (Plavilstshikov, 1936).

***Pogonarthron (Pseudomonocladum* Villiers, 1961, stat. nov.)**

Pseudomonocladum Villiers, 1961: 445, type species: *Polyarthron minutum* Pic, 1905.

Pogonarthron, Danilevsky, 1999: 189, part. (*Pogonarthron* = *Pseudomonocladum*); 2004: 1, part.; Danilevsky & Smetana, 2010: 93.

Middle antennal joints are supplied with long dorsal lamellae, while ventral lamellae are nearly indistinct, represented by vestigial tubercles (Fig. 3), and the whole antennal surface is bent upwards in dorsal direction (Fig. 4). The subgenus includes 2 species: *P. (Pseudomonocladum) minutum* (Pic, 1905) and *P. (Pseudomonocladum) semenowi* (Lameere, 1912). *P. obenbergeri* (Heyrovský) and *P. loeffleri* Fuchs, 1956 [1957] are naturally belong to this subgenus, if they might be revived as valid names.

***Pogonarthron (Pseudomonocladum) minutum* (Pic, 1905)**

(Figs 6-11)

Up to now not a single female of the genus *Pogonarthron* was known. Recently Oleg Legezin collected two females of *P. (P.) minutum* (Pic, 1905) in Iran. One is available for study, and a photo of another was sent to us by the collector.

Female (Figs 6-7). Totally light brown, head and thorax a little darker; head relatively long, with long temples, which are about 2 times longer than eyes; antennae (Fig. 8) 18-segmented, short, reaching beyond first elytral forth, long 3rd joint a little shorter than scape, but much longer than 4th; 5th-6th joints strongly angulated; 7th-17th joints with more or less long narrow processes; apical 18th joint oval; palpi moderately long (Fig. 9) with elongated apical joints; prothorax strongly transverse, about 1.8 times wider at base than middle length; with very small lateral tubercles before middle;

without ventral sclerotisation behind anterior coxae; intercoxal process narrow, very long, far protruding beyond coxae; pronotum smooth, shining, with scattered punctuation; scutellum about 2 times wider than long; middle intercoxal process rather wide, emarginated apically; elytra short, much shorter than abdomen; about 1.6 times longer than basal width, widened at middle, diverging along suture and independently rounded apically, with very distinct costae, with fine irregular sculpture, without distinct punctuation; wings are rather developed and extend to almost the end of elytra in fold position; legs with flattened tibiae, bearing strong short setae, angulated apically; posterior coxae strongly distant at about width of each coxa; tarsi very narrow with needle-shaped lobes of 3rd joints; metasternum and abdomen smooth, glabrous, shining; last visible abdominal segment widely rounded apically; body length from mandibles to elytral apices - 17.6 mm; abdomen could extend beyond elytra for more than half of elytral length (Fig. 10); body width at elytral middle – 8.2 mm.

Materials. Female, Iran, Kohgiluyeh and Boyer-Ahmad Province, Vezg Pass, 17.7.2013, 2000 m, Oleg Legezin leg. – collection of Z. Komiya.

Biology. The biotop (Fig. 11) looks like dry stony stepp. Both collected specimens were crawling among stones on the surface of the soil in the complete darkness – 09.00 p.m.-00.20 a.m.

Acknowledgements. We are very grateful to Oleg Legezin for providing us with a beautiful photo of the locality and valuable information about local conditions of collecting site.

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M.L. Danilevsky & Z. Komiya

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INSCRIPTIONS FOR FIGURES

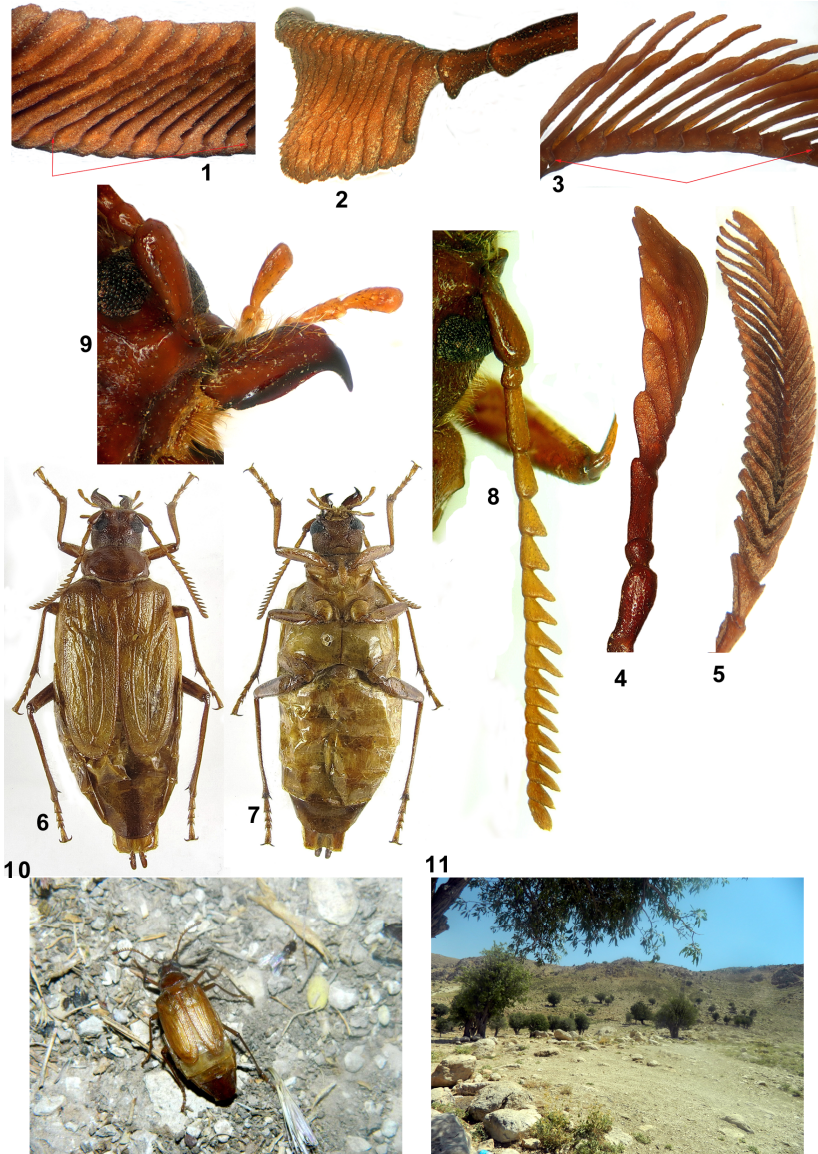
Figs 1-2 – *Pogonarthron* (s. str.) *bedely* (Semenov, 1900), male, Tadzhikistan, Ramit, 8.8.1980, M.Danilevsky leg.: 1 - middle of right antenna, dorsal view with vestigial dorsal lamellae; 2 - right antenna, dorsal view.

Figs 3-4 – *Pogonarthron* (*Pseudomonocladum*) *minutum* (Pic, 1905), male, Iran, Shiraz, 15.6.1953, Kashkuli: 3 - middle of right antenna, ventral view with vestigial ventral lamellae; 4 - right antenna, dorsal view.

Fig. 5 – *Pogonarthron* (*Multicladum* **subgen. n.**) *semenovianum* (Plavilstshikov, 1936), male, Tadzhikistan, Sary-Chashma, 8.8.1984, M.Danilevsky leg: right male antenna, ventral view.

Figs 6-10. *Pogonarthron* (*Pseudomonocladum*) *minutum* (Pic, 1905), female: 6 – dorsal view, 7 – ventral view, 8 – right antenna, 9 – palpi, 10 - female in nature: Iran, Kohgiluyeh and Boyer-Ahmad Province, Yasuj area, Vezg Pass, 27.17.2013, 2400m (photo by O.Legezin).

Fig. 11. Photo of the collecting site by O.Legezin.



Received: 24.02.2014
Accepted: 20.03.2014

Taxonomy notes (Coleoptera, Cerambycidae)

M.A. Lazarev

Bolshaya Serpukhovskaya str. 34, building 4, apartment 79, Moscow 115093
Russia; e-mail: cerambycidae@fromru.com

Key words: Taxonomy, zoogeography, new subgenus, new subspecies, restored name, Coleoptera, Cerambycidae, *Anoplistes*, *Brachyta*, *Stromatium*, *Dorcadion* (*Cribridorcadion*), *Cleroclytus*.

Abstract: *Cleroclytus* (*Obliqueclytus*, **subgen. n.**) is described with the type species: *Anaglyptus banghaasi* Reitter, 1895. *Anoplistes halodendri kasatkini*, **ssp. n.** is described from Dagestan. *Cleroclytus collaris savitskyi*, **ssp. n.** is described from Mongolia. *Brachyta variabilis shapovalovi*, **ssp. n.** is described from East Kazakhstan. *Dorcadion* (*Cribridorcadion*) *cinerarium papayense*, **ssp. n.** is described from Papay Mountain in Krasnodar Region. *Dorcadion* (*Cribridorcadion*) *gorbunovi rubenyani*, **ssp. n.** is described from Armenia. *Stromatium auratum* (Böber, 1793), **nom. rest.** is introduced as a valid name for the species, which is known now as “*Stromatium unicolor* Olivier, 1795”, but traditionally as “*Stromatium fulvum* (Villers, 1789)”. New locality records are proposed for: *Dorcadion* (*Cribridorcadion*) *sisianense* Lazarev, 2009, *Dorcadion* (*Cribridorcadion*) *megriense* Lazarev, 2009, *Dorcadion* (*Cribridorcadion*) *laeve vladimiri* Danilevsky et Murzin, 2009, *Dorcadion* (*Cribridorcadion*) *indutum* Faldennann, 1837. *Dorcadion guzeldereense* Bernhauer & Peks, 2013 and *Dorcadion karacaorenense* Bernhauer & Peks, 2013 are declared to be unjustified emendations (available names). Valid names are *Dorcadion guzeldereense* Bernhauer & Peks, 2012 and *Dorcadion karacaorenense* Bernhauer & Peks, 2012. The real absence of antennal setae tufts in *Agapanthia dahli calculensis* Lazarev, 2013 is demonstrated.

Several abbreviations are used in the text:

MD - collection of M. Danilevsky, Moscow

ML - collection of M. Lazarev, Moscow

RF - collection of R. Filimonov, Sankt-Petersburg

ZIN - Zoological Institute of Russian Academy of Sciences,
Sankt-Petersburg

ZMM - Zoological Museum of Moscow State University, Moscow

Brachyta variabilis shapovalovi, ssp. n.

(Figs 1-2)

Type locality. East Kazakhstan Region, Kokpekty environs (48°44'54''N, 82°24'53''E), 500 m.

Diagnosis. The taxon is characterized by wide body, very dense elytral punctation, stable elytral design, red legs and antennae.

Head with dense, partly conjugated fine punctation and dense short yellowish pubescence; base of clypeus can be strongly concaved; male antennae reaching elytral middle, female antennae never surpassing anterior elytral third; antennal joints short and thick; outer angles of 6-10th male antennal joints distinctly projected laterally, much stronger than in female; 11th joint with well developed appendage; 3rd joint about as long as 1st, longer than 5th, and much longer than 4th; all joints covered with fine short yellowish pubescence; prothorax in males as long as basal width or about 1.07 times longer; in females - about 1.02-1.2 times wider than long; lateral thoracic tubercles well developed; pronotal punctation similar to the nominative subspecies; elytra wide, male elytra slightly tapering posteriorly, female elytra about parallelsided; elytral punctation very dense, interspaces often smaller than dots, with numerous fine wrinkles; elytra covered with short recumbent pubescence and scattered erect yellowish setae, more yellow than in pale forms of the nominative subspecies; body black; antennae, palpi, labrum, anterior clypeus margin, mandibles (partly), legs and 3 last abdominal sternites red or yellow-red; elytra yellow with black lines; black lines can never be brown; elytra can never be unicolor (brown or black as often in the nominative subspecies); body length in males: 12.4-14.5 mm, width: 4.4-5.4 mm; body length in females: 13.5-19.1 mm; width: 4.9-7.3 mm.

Distribution. Kazakhstan: Bolshenarymskoe, Buchtarma, Bystry Irtys, Layly mining camp, Kokpekty, between Svinchatka and Slavyanka.

Material. Holotype, male with two labels: 1) "Kaz. SSR, Kokpekty, 500 m, 25.V.1989, leg. M. Danilevsky", 2) "Paratypus, *Brachyta variabilis shapovalovi* ssp.n. A. Shapovalov det., 2007" - MD; 24 Paratypes: 1 female with same labels - MD; 1 male with two labels: 1) Kazakhstan, East Kazakhstan Region, Layly mining camp,

M.A. Lazarev

11.05.1941, A. Oblomov, 2) “Holotypus, *Brachyta variabilis oblomovi* ssp.n. A. Shapovalov det., 2007” - ZMM; 9 males, 10 females, same locality, 11-13.05.1941 - ZMM; 1 female, Kazakhstan, East Kazakhstan Region, Bolshenarymskoe, 25.05.1930, F. Lukyanovich - ZMM; 1 male, Kazakhstan, East Kazakhstan Region, “between Svinchatka and Slavyanka”, 27.05.1987, V.A. Lukhtanov - RF; 1 female, “Buchtarma, 1889, Kinderm.” - ZIN; 1 female, Semipalatinsk Region, Bystry Irtysh, 03.05.1908, M. Cissobr. - ZIN.

Remarks. *Brachyta variabilis shapovalovi*, **ssp. n.** is close to the nominative subspecies (distributed from Altay area to about Baikal Lake), but differs by wide body, goldish dorsal pubescence, dense finely rugose elytral punctuation, always red legs and antennae, stable elytral design.

Etymology. The new subspecies is dedicated to my good friend Andrey Shapovalov, who originally separated this taxon as new.

***Stromatium auratum* (Böber, 1793), nom. rest.**

Saperda aurata Böber, 1793: 135 – “Taurien”; Löbl et Smetana 2013: 42 [“p. 334. add *Saperda aurata* Böber, 1793: 135 under nomina dubia”]; Danilevsky, 2012: 712 [“most probably the name of the species known now as *Stromatium unicolor*”].

Cerambyx fulvum Villers, 1789: 256 [HN]

Callidium unicolor Olivier, 1795: no. 70: 58.

Stromatium fulvum, Plavilstshikov, 1940: 73.

Stromatium unicolor, Löbl et Smetana, 2010: 186.

Type locality. Crimea.

A single character mentioned in the original description: “*tota aurata nitida*” together with Crimean origin of the taxon allow the exact identification of the species known before as *Stromatium unicolor* (Olivier, 1795).

Anoplistes halodendri kasatkini, ssp. n.

(Figs 3-6)

Type locality. Russia, Dagestan: Agvali (42°32'26''N, 46°7'20''E), 900 m.

Diagnosis. Male antennae are rather variable in length; three males have very short antennae just a little longer than body, surpassing elytral apices by three joints only: holotype (Fig. 3), a male from Tlokh and a male from Zovutameer Mt.; short male antennae are not known in any other subspecies of *A. halodendri*; another 2 males from Tlokh have longer antennae, which surpassing elytral apices by 4 joints (Fig. 4), and the last male from Tlokh has very long antennae which are about two times longer than body (Fig. 5) similar to the nominative subspecies; males with short antennae and a female from Zovutameer Mt. are with much darker elytra, with narrow lateral red line and two red spots near base; elytra in other males and in a female from Tlokh have wide lateral red area, which is widened anteriorly reaching elytral base, but elytral humery with black dots; body length in males: 10.8-13.5 mm, width: 2.7-3.5 mm; body length in female: 12.5-14.9 mm; width: 3.0-3.7 mm.

Distribution. Three localities are known in Dagestan: Agvali (42°32'26''N, 46°7'20''E), 900 m; Tlokh (42°40'37''N, 42°40'37''E), 500-1000 m; Nukatl Ridge, NW slope of Zovutameer Mountain.

Material. Holotype, male with two labels: 1) "S Russia, Dagestan, Agvali, 22.6.1983, A.Birshtein leg.", 2) "Paratypus, *Asias montanus* sp.n., det. Kasatkin D.G. 2001" - MD; 7 paratypes: 4 males and 1 female, Dagestan, Tlokh, 500-1000 m, 24.05-03.06.1988, V.Karasev - MD, ZMM; 1 male and 1 female, each with two labels: 1) [„Dagestan, Nukatl Ridge, NW slope of Zovutameer Mountain, 29.07.1997, A. Gusakov][in Russian], 2) "Paratypus, *Asias montanus* sp.n., det. Kasatkin D.G. 2001"- ZMM.

Etymology. The subspecies is dedicated to Dr. Denis Kasatkin (Rostov-on-Don), who originally separated this taxon as a new species.

Remarks. The specimens designated by D. Kasatkin as paratypes of *Asias montanus* were never published.

Anoplistes halodendri kasatkini, ssp. n. is very close to

A. h. ephippium (Steven & Dalman, 1817), but differs by much darker elytra and by the presence of the males with short antennae in population.

Cleroclytus (Obliqueclytus, subgen. n.)

Type species: *Anaglyptus banghaasi* Reitter, 1895

The subgenus is characterized by oblique “S”-shaped elytral pale bar, while in the nominative subgenus pale elytral bar is always transverse, curved anteriorly or straight and slightly inclined - in *C. (s. str.) francottei* Rapuzzi & Sama, 2010.

The new subgenus includes 2 species: *C. (O.) banghaasi* (Reitter, 1895) and *C. (O.) gracilis* Jakovlev, 1900.

The nominative subgenus also consists of 2 species *C. (s. str.) francottei* Rapuzzi & Sama, 2010 and *C. (s. str.) semirufus* Kraatz, 1884 with two subspecies: *C. (s. str.) s. semirufus* Kraatz, 1884 and *C. (s. str.) s. collaris* Jakovlev, 1885.

C. (s. str.) francottei Rapuzzi & Sama, 2010 described from Gansu on the base of a single male easily differs from *C. (s. str.) collaris* Jakovlev, 1885 by distinctly inclined, straight white elytral bar and oblique white setae stripe near elytral apices.

Cleroclytus (s. str.) collaris savitskyi, ssp. n.

(Figs 7-8)

Type locality. Mongolia: Kobd aimak, 44 km NNW Bulgan, Burgastyn-Ehniy-Undar Mts. S slope, 46°25′50″N 91°13′35″E.

Diagnosis. The new taxon is close to the nominative subspecies *C. c. collaris*, but strongly differs from its eastern most populations distributed around Zaisan Lake by very dark color. Prothorax and elytra are about totally black. Only hind pronotal margin can be slightly reddish and elytral area near scutellum as well. All femora are blackish, antennae are dark-red and relatively short. Male antennae surpassing elytral apices by 2 apical joints only, while male antennae in *C. c. collaris* usually overcome elytra by 3 apical joints. Longitudinal pronotal striation in the *C. c. savitskyi, ssp. n.* poorly developed and more or less distinct only anteriorly, while in eastern populations of *C. c. collaris* pronotal striae often reach hind pronotal

margin. Besides, specimens of *C. c. collaris* from eastern Kazakhstan are very light, pronotum and anterior elytral half are often totally red. Rather black specimens of the nominative subspecies similar to *C. c. savitskyi*, **ssp. n.** are available from South Kazakhstan only (Taraz environs); body length in males: 5.4-6.6 mm, width: 1.3-1.6 mm; body length in females: 6.5-6.7 mm; width: 1.6-1.7 mm.

Distribution. Mongolia: Kobd aimak, 44 km NNW Bulgan, Burgastyn-Ehniy-Undar Mts. S slope, 46°25'50''N 91°13'35''E; Kobd aimak, 42 km NNW Bulgan, Bayan-Gol River, 46°24'05''N 91°12'50''E; Khovd aimak, 30 km NNW Bulgan, confluence of Bayan-Gol and Bulgan-Gol rivers; Khovd aimak, Dod-Narujn (right tributary of Bulgan-gol).

Material. Holotype, male, "Mongolia, Kobd aimak, 42 km NNW Bulgan, Bayan-Gol River, 1600 m, 6-8.7.2013, 46°24'05''N 91°12'50''E, V. Savitsky leg." - ZMM; 4 paratypes: 1 male, Kobd aimak, 20 km N Bulgan, Ulyastayn-Gol, 01.07.1980, I. Kerzhner - ZIN; 1 male, Mongolia, Kobd aimak, 44 km NNW Bulgan, Burgastyn-Ehniy-Undar Mts. S slope, 30.6.2013, 46°25'50''N 91°13'35''E, V. Savitsky leg. - MD; 1 female, Mongolia, Khovd aimak, Dod-Narujn, 26.6.2005, (right trib. of Bulgan-gol), R. Yakovlev - ZMM; 1 female, West Mongolia, Khovd aimak, 30 km NNW Bulgan, confluence Rivers Bayan-Gol and Bulgan-Gol, 1500 m., 14.5.2002, R.V. Yakovlev - MD.

Etymology. The new taxon is dedicated to Vladimir Savitsky, who collected two males in Mongolia.

Dorcadion (Cribridorcadion) cinerarium papayense, ssp. n.

(Fig. 9)

Type locality. Russia, Krasnodar Region: Papay Mt., 600 m, 44°38'27''N, 38°23'43''E.

Diagnosis. Only one male known; prothorax with slightly sharpened lateral tubercles; pronotum glabrous, but with white narrow longitudinal setae stripe, with scattered fine punctation and distinct micropunctation; elytra with hardly visible dorsal carinae, covered by dense black pubescence with bright white suture strip and narrow white marginal stripe covering epipleurae; white humeral stripe represented by a small anterior stroke, posteriorly indistinct;

M.A. Lazarev

1st antennal joint and legs red; body length: 15.7 mm, width: 5.6 mm.

Distribution. Krasnodar Region, Papay Mountains, 44°38'27" N, 38°23'43"E, 600 m, 30 km E Gelendzhik.

Material. Holotype, 1 male, "Krasnodar Reg., 600 m, Papay Mt. [44°38'27" N, 38°23'43"E.], 30 km E Gelendzhik, 7.5.2010, E. Khomitsky leg." - MD.

Etymology. Papay Mountain is the type locality of the taxon.

Remarks. *Dorcadion (Cribridorcadion) cinerarium papayense* ssp.n. is close to *D. (C.) c. veniamini* Lazarev, 2011 geographically and because of its very big size (the biggest known subspecies), besides thoracic tubercles are rather similar, but elytra in *D. (C.) c. veniamini* are always totally glabrous in males, pronotum with dense rough punctation, with less pronounced micropunctation in the middle, elytral carinae obliterated.

***Dorcadion (Cribridorcadion) gorbunovi rubenyani*, ssp. n.**
(Figs 10-11)

Dorcadion (Cribridorcadion) gorbunovi, Danilevsky. 2010: 247, part. - Armenia, Azerbaijan.

Type locality. Armenia: Svarantz, 39°21'21''N 46°12'27''E, 1880 m.

Diagnosis. Only 6 males and 2 females known; pronotum glabrous, without white line, with dense irregular, conjugated, rugose punctation, with smooth, shining areas in the middle, with distinct micropunctation; elytra with dense grey pubescence and wide humeral black stripe, white stripes absent as in the nominative subspecies; sometimes two short black strokes present near base; body length in males: 12.4-15.1 mm, width: 4.8-5.6 mm; body length in females: 14.3-16.1 mm; width: 5.4-6.6 mm.

Distribution. All localities mentioned by collectors are most probably connected with one population. Armenia: Svarantz 39°21'21''N, 46°12'27''E, 1880 m; 1 km S Svarantz, 1917 m, 39°21'13''N, 46°12'44''E; Tatev (39°24'11''N, 46°13'55''E) environs.

Material. Holotype, male, "Armenia, Svarantz, 1880 m, 39°21'21''N 46°12'27''E, 04.05.2013, A. Rubenyan" - MD;

M.A. Lazarev

7 Paratypus: 4 males, same label - MD, ML; 1 female, Armenia, 1 km S Svarantz, 1917 m, 39°21'13''N 46°12'44''E, 14.05.2011, A. Rubenyan" - MD; 1 male, 1 female, Armenia, Tatev, 21.05.1988, M. Kalashyan - MD.

Dedication. The new taxon is dedicated to well known insect collector Artem Rubenyan, who collected the most part of the type series.

Remarks. *Dorcadion (Cribridorcadion) gorbunovi rubenyani*, **ssp. n.** differs from *D. (C.) g. gorbunovi* by more elongated shape of bigger body; less regular pronotal punctation and bigger lateral pronotal tubercles; the biggest male of *D. g. gorbunovi* is 12.0 mm and the biggest known female is 13.7 mm among several hundreds of studied specimens.

The nominative subspecies is known from Nakhichevan Republic of Azerbaijan only. All *D. gorbunovi* Danilevsky, 1985 from Armenia belong to the new subspecies. Armenian populations were known from long ago, but traditionally included in the nominative subspecies (Danilevsky, 2010).

***Dorcadion (Cribridorcadion) guzeldereense* Bernhauer & Peks, 2012**

Dorcadion (Cribridorcadion) guzeldereense Bernhauer & Peks, 2012: 213 [wrong original spelling - Art. 11.2.]

Dorcadion (Cribridorcadion) guzeldereense Bernhauer & Peks, 2013: 336 [unjustified emendation - Art. 19.1.]

According to the Art. 32.5.2.1. "In the case of a diacritic or other mark, the mark concerned is deleted".

***Dorcadion (Cribridorcadion) karacaorenense* Bernhauer & Peks, 2012**

Dorcadion (Cribridorcadion) karacaorenense Bernhauer & Peks, 2012: 211 [wrong original spelling - Art. 11.2.].

Dorcadion (Cribridorcadion) karacaoerenense Bernhauer & Peks, 2012: 336 [unjustified emendation - Art. 19.1.].

According to the Art. 32.5.2.1. "In the case of a diacritic or other mark, the mark concerned is deleted".

M.A. Lazarev

***Agapanthia dahli calculensis* Lazarev, 2013**
(Figs 12-13)

Agapanthia dahli calculensis Lazarev, 2013: 128 - "North-east Kazakhstan, Sibinka River, 49°40'27.56"N, 82°39'13.12"E".

The main character of *A. d. calculensis* Lazarev, 2013 is the total absence of antennal setae tufts in majority of specimens. The original description was illustrated by the biggest and brightest specimens with moderate antennal tufts on 3rd segments. The typical structure of 3rd segment without setae tuft is shown (Fig. 13).

New Records

Several new localities of very interesting *Dorcadion* were discovered by A. Rubenyan in 2011 and 2013 in Armenia.

***Dorcadion (Cribridorcadion) sisianense* Lazarev, 2009**

Dorcadion (Cribridorcadion) sisianense Lazarev, 2009: 210; 2011: 264, 289.

The taxon was described from one locality only: Armenia, Sisian pass, 39°30'N, 46°00'E, about 2 km westwards Gorajk. Now one more population was discovered in Syunik Area near Tekh (39°33'26''N, 46°28'30''E).

Materials. 2 males, Armenia, 4 km NW Tekh, 1622 m, 39°34'7''N 46°25'47''E, 15.05.2011, A. Rubenyan - MD; 3 males, 1 female, Armenia, Tekh, 1600 m, 39°34'6''N 46°25'52'' E, 03.05.2013, A. Rubenyan – MD, ML.

***Dorcadion (Cribridorcadion) megriense* Lazarev, 2009**

Dorcadion (Cribridorcadion) megriense Lazarev, 2009: 212; 2011: 264, 289.

The taxon was described from one locality only: Armenia, Megri ridge, 5-6 km N Shvanidzor, 38°59'N, 46°23'E. Now one more population was discovered: 10 km NEE Sisian, 2150 m, 39°32'54''N, 46°8'34''E.

M.A. Lazarev

Materials. 4 males, 1 female, Armenia, 10 km NEE Sisian, 2150 m, 39°32'54''N, 46°8'34''E, 03.05.2013, A. Rubenyan - MD.

***Dorcadion (Cribridorcadion) laeve vladimiri* Danilevsky et Murzin, 2009**

Dorcadion (Cribridorcadion) laeve vladimiri Danilevsky et Murzin, 2009: 13.

The taxon was known up to now from Megri and Kafan districts of Armenia. Now one more population was discovered in Syunik Area near Tekh (39°33'26''N 46°28'30''E).

Materials. 2 males, 2 females, Armenia, 4 km NW Tekh, 1622 m, 39°34'7''N 46°25'47''E, 15.05.2011, A. Rubenyan - MD.

***Dorcadion (Cribridorcadion) indutum* Faldermann, 1837**

Dorcadion indutum Faldermann, 1837: 276.

Dorcadion (Cribridorcadion) indutum, Danilevsky, 2010: 233 - "distributed near Goris and in Karabakh".

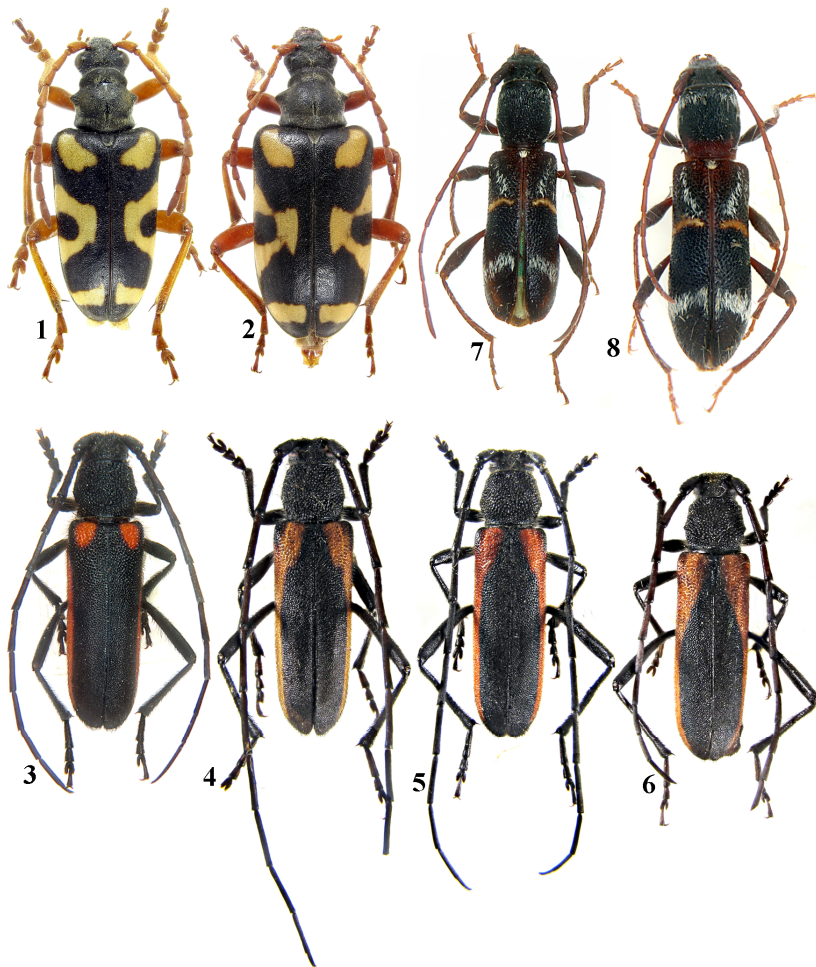
The taxon was known up to now from near Goris and from Karabakh. Now three more localities were discovered: 3 km SE Iskhanasar, 1902 m, 39°33'2''N 46°4'27''E; 3 km NW Hoznavar, 1902m, 39°38'1''N 46°19'15''E; Tekh, 1600 m, 39°34'6''N 46°25'52'' E.

Materials. 11 males, 3 females, Armenia, 3 km SE Iskhanasar, 1902 m, 39°33'2.03''N 46°4'27.22''E, 14.05.2011, A. Rubenyan - MD; 8 males, 2 females, Armenia, 3 km NW Hoznavar, 1902 m, 39°38'0.81''N 46°19'14.99''E, 15.05.2011, A. Rubenyan - MD; 15 males, 5 females, Armenia, Tekh, 1600 m, 39°34'6''N 46°25'52'' E, 03.05.2013, A. Rubenyan - MD, ML.

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Figs 1-2. - *Brachyta variabilis shapovalovi*, **ssp. n.**: 1 - male, holotype; 2 - female, paratype: "Kaz. SSR, Kokpety, 500, 25.V.1989, leg. M. Danilevsky".

Figs 3-6. - *Anoplistes halodendri kasatkini*, **ssp. n.**: 3 - male, holotype; 4-6 - paratypes, Dagestan, Tlokh, 600 m, 3.6.1988, V.Karasev (4-5 - males, 6 - female).

Figs 7-8. - *Cleroclytus collaris savitskyi*, **ssp. n.**: 7 - male, holotype; 8 - female, paratype, Mongolia, Khovd aimak, Dod-Narujn, 26.6.2005, R. Yakovlev.

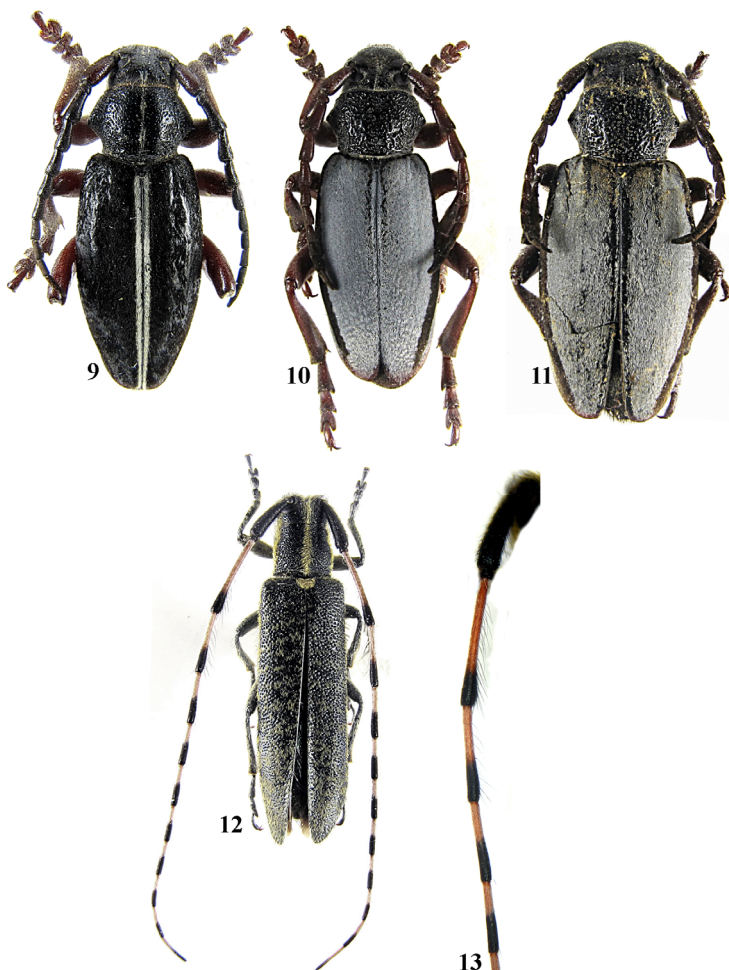


Fig 9. - *Dorcadion (Cribridorcadion) cinerarium papayense*, **ssp. n.**: male, holotype;

Figs 10-11. - *Dorcadion (Cribridorcadion) gorbunovi rubenyani*, **ssp. n.**: 10 - male, holotype; 11 - female, paratype, "Armenia, 1 km S Svarantz, 1917 m, 39°21'13.39"N 46°12'44.21"E, 14.05.2011, A. Rubenyan".

Figs 12-13. *Agapanthia dahli calculensis* Lazarev, 2013: 12 - male, paratype, E Kazakhstan, 400 m, Ust-Kamenogorsk env., Sibinka River, Bazombai, 26.05.2003, M.Danilevsky; 13 - antenna.

Received: 10.04.2014

Accepted: 25.04.2014

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Издание зарегистрировано в Международном Центре ISSN в Париже (идентификационный номер печатной версии: ISSN 2226-0773).

Выходит 4 номера в год, а так же дополнения в виде приложения к журналу.

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**Методологические аспекты перехода от парадигм обучения
к парадигме самообразования**

Е.П. Иванова

Московский Педагогический Государственный Университет
119991, Москва, ул. Малая Пироговская, д.1
Moscow State Pedagogical University
Malaya Pirogovskaya str. 1, Moscow, 119991 Russia; e-mail:
info@info.com

Ключевые слова: виды парадигм, парадигма обучения, парадигма самообразования, особенности парадигмы профессионального самообразования в вузе, дидактический комплекс самообразования.

Key words: kinds of paradigms, training paradigm, self-education paradigm, peculiarity of self-education paradigm at a higher school, didactical complex of selfeducation.

Резюме: В статье обосновывается парадигма самообразования в сопоставлении с частными и локальными педагогическими парадигмами. В качестве методологических основ парадигмы самообразования рассматриваются ее историческая преемственность, информационная направленность и реализация в атрибутах обучения.

Abstract: The article settles the self-education paradigm in comparison with particular and local pedagogical paradigms. Historical succession, information trend and realization in attributes of training are considered as a methodological basis of self-education paradigm.

[Ivanova E.P. Methodological aspects of transition from training to selfeducation paradigms]

[Текст статьи]

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Ivanova Ekaterina Pavlovna

Ph.D., professor of the Faculty of Philosophy

Methodological aspects of transition from training to selfeducation paradigms

E.P. Ivanova

Moscow State Pedagogical University

Malaya Pirogovskaya str. 1, Moscow, 119991 Russia

E-mail: info@info.com

Key words: kinds of paradigms, training paradigm, self-education paradigm, peculiarity of self-education paradigm at a higher school, didactical complex of selfeducation.

Abstract: The article settles the self-education paradigm in comparison with particular and local pedagogical paradigms. Historical succession, information trend and realization in attributes of training are considered as a methodological basis of self-education paradigm.

[Text of article]

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Содержание // Contents

Ambrus R., Grosser W., Hrbek J. Contribution to the knowledge of longhorn beetles from Cyprus (Coleoptera: Cerambycidae) Амбрус Р., Гроссер В., Хрбек Ж. Вклад к познанию жуков-усачей (Coleoptera: Cerambycidae) Кипра.....	173
Bernhauer D., Peks H. <i>Dorcadion skoupyorum</i> nom. nov. for <i>Dorcadion skoupyi</i> Bernhauer & Peks, 2014 (Coleoptera, Cerambycidae) Бернхауер Д., Пекс Х. <i>Dorcadion skoupyorum</i> nom. nov. для <i>Dorcadion skoupyi</i> Bernhauer & Peks, 2014 (Coleoptera, Cerambycidae).....	191
Danilevsky M.L. Additions and corrections to the new Catalogue of Palaearctic Cerambycidae (Coleoptera) edited by I. Löbl and A. Smetana, 2010. Part. IX Данилевский М.Л. Дополнения и исправления к новому каталогу жуков-усачей (Coleoptera, Cerambycidae) Палеарктики, изданному И. Лёблем и А. Сметаной (Löbl & Smetana, 2010). Часть IX.....	193
Danilevsky M.L. Two new subspecies of <i>Dorcadion aethiops</i> (Scopoli, 1763) from Bulgaria (Coleoptera, Cerambycidae) Данилевский М.Л. Два новых подвида <i>Dorcadion aethiops</i> (Scopoli, 1763) из Болгарии (Coleoptera, Cerambycidae).....	251
Danilevsky M.L. Two new species of genus <i>Cortodera</i> Mulsant, 1863 from Asia (Coleoptera, Cerambycidae) Данилевский М.Л. Два новых вида рода <i>Cortodera</i> Mulsant, 1863 из Азии (Coleoptera, Cerambycidae).....	255
Danilevsky M.L. <i>Vadonia vartanisi</i> sp. n. from Turkey and <i>Vadonia hirsuta</i> (K. Daniel & J. Daniel, 1891) (Coleoptera, Cerambycidae) Данилевский М.Л. <i>Vadonia vartanisi</i> sp. n. из Турции и <i>Vadonia hirsuta</i> (K. Daniel & J. Daniel, 1891) (Coleoptera, Cerambycidae).....	259

Danilevsky M.L. Komiya Z. <i>Pogonarthron</i> (<i>Multicladum</i> subgen. n.) and a female of <i>Pogonarthron</i> (<i>Pseudomonocladum</i> Villiers, 1961, stat. nov.) <i>minutum</i> (Pic, 1905) (Coleoptera, Cerambycidae) Данилевский М.Л. <i>Pogonarthron</i> (<i>Multicladum</i> subgen. n.) и самка <i>Pogonarthron</i> (<i>Pseudomonocladum</i> Villiers, 1961, stat. nov.) <i>minutum</i> (Pic, 1905) (Coleoptera, Cerambycidae).....	267
Lazarev M.A. Taxonomy notes (Coleoptera, Cerambycidae) Лазарев М.А. Таксономические заметки (Coleoptera, Cerambycidae).....	272
О ЖУРНАЛЕ	286
ПРАВИЛА ДЛЯ АВТОРОВ	289
ABOUT THE JOURNAL	293
INSTRUCTIONS TO AUTHORS	295